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ENGINEERING, BANKING, MINING, MANUFACTURES.

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American Railroad Journal.

New York, Saturday, July 15, 1876.

Cooper, Hewitt & Co.'s Exhibit.

In the Main Exposition Building, section T, column 66, a number of exhibits are made by Cooper, Hewitt & Co., 17 Burling slip, New York, of the products of the Trenton Iron Company, Denham Iron Works, New Jersey Steel and Iron Company, and Ringwood Iron Works. From a pamphlet descriptive of the capacity and products of these establishments we learn that the products of the Trenton Iron Company are as follows: Bar Iron, Market Wire, Bridge Wire, Cast Steel Wire, Telegraph Wire, Gun-screw Iron Wire, Wire Rods, Screw Wire, Bail Wire, Weaving Wire, Chain Wire, Tinned Wire, Fence Staples, Brazier Rods, Fence Wire, Square and Flat Wire, Spring Wire, Coppered Wire, Buckle Wire, Martin Steel Wire, Copperas.

Of the New Jersey Steel and Iron Company,

located at Trenton, New Jersey, the statement is made that its works "comprise rolling mills, a sponge furnace, a Siemens-Martin steel plant, machine shops for the manufacture of bridges, etc., chain works, and a horse shoe shop;" and that the capacity of the finishing mill is "equivalent to a product of 20,000 tons of rails per annum."

The pamphlet also states that "Messrs. Cooper, Hewitt & Co. are the owners or sole representatives in the United States of the Martin, Post, Pernot, Slade and Tessie du Motay patents, relating to the manufacture of steel in the open hearth;" and the following reference is made to the last named patent:

The patents of Mr. Frederick J. Slade refer to the use of iron sponge in the Martin process, and to the manufacture of steel in which phosphorus predominates over carbon. The latter invention is also the subject of the patent of M. Tessie du Motay, according to which the now celebrated "phosphorus steel" rails are successfully manufactured at Terre Noire, in France. The discussion of this interesting question cannot be entered upon in the present brief statement. It is certain that large quantities of rails, containing 25 per cent, and sometimes much more, of phosphorus, have been used in France and have given satisfaction to the railway engineers. It is anticipated that this process will open a new and much desired opportunity for the utilization of old iron rails, which contain too large a percentage of phosphorus to be suited to the Bessemer or other steel process.

Dudgeon's Direct Acting Steam Hammer.

Since the introduction into the Fall River-Iron Works of Dudgeon's Direct Acting Steam Hammer, a surprising improvement has taken place in the quality of the stock turned out. The furnaces have been tested to their utmost to furnish sufficient material for the hammer, and plate for the rollers, and it has necessitated the construction of a couple of new furnaces, work upon which has already been started. Mr. Dudgeon has also put up one of his steam hammers of smaller size in the repair shop of the Providence and Worcester Railroad Company, at Providence, R. I., which is giving great satisfaction. These hammers are justly celebrated for their simplicity of construction and their durability. Mr. Dudgeon also manufactures Hydraulic Jacks and

Punches, Roller Tube Expanders, and Jacks for Pressing on Car Wheels—of all of which he is the Patentee.

Manual of the Railroads of the United States.

Poor's Manual of Railroads for 1876-77 has been issued, and contains more information relating to Railroads, their history, growth, cost, operations and present condition than any previous number. The introduction consists of a sketch showing the wonderful increase of railroads from 1826, when the first charter was granted, to 1876, when 74,658 miles are operated, costing \$4,658,208,630, and earning for the year \$508,065,506, while the dividends paid amounted to the sum of \$74,294,208.

This Manual is the only work of the kind now issued, and is simply invaluable to any one who wishes to have an accurate knowledge of our railroad system. It contains a detailed account of every road in the country, with a complete list of their directors and officers, and every fact necessary to gain a correct idea of its condition and operations. It also gives a full tabular summary of the leading facts, and thus enables one, at a glance, to see the entire work for the past year.

The present issue of the Manual is the ninth, in annual order; and it is larger by 100 pages than any previous number. The price remains the same, \$5; and it will be sent to any address on application to the publishers, Messrs. H. V. & H. W. Poor, 68 Broadway.

Valley Railroad.

The Valley Railroad, from Harrisonburg to Staunton, Va., was opened for travel on the 11th inst., and the trains made connection with the trains of the Valley branch of the Baltimore and Ohio Railroad. The road has been idle since the first of May last, and is now operated under a temporary lease by Mr. William Milnes, Jr., president of the Shenandoah Valley Railroad Company. A traffic arrangement with the Baltimore and Ohio Railroad Company, by which freight will be carried through from Baltimore to Staunton, Va., is expected to be arranged without delay. The stockholders of the Shenandoah Valley Company meet at Winchester, Va., on the 19th inst., to decide upon the confirmation or rejection

of the contract made with the Valley Company by its president, Mr. Millev.

New Jersey Railroads.

The recently issued report of the Controller of the State of New Jersey contains some valuable information concerning the Railroads of that State. Subjoined will be found extracts from the three most important roads which go directly from New York City through the most populous districts of New Jersey.

The following shows the condition of the United New Jersey Railroad and Canal Company, as reported and sworn to February 14, 1876:

Capital stock.....\$19,890,400
Bonded debts.....20,842,868

Total capital and debts.....\$40,733,268

Receipts:

From passengers.....\$1,440,876
From freight.....3,784,981
From express.....259,346
From mail.....69,746
From miscellaneous.....108,965
From D. & R. Canal.....1,067,661
From investments.....197,579

Total earnings.....\$9,909,164

Operating expenses of railroads.....\$5,894,742
Operating expenses of canal.....541,085

Net income.....\$3,473,387

These "united companies" are leased to the Pennsylvania Railroad Company at 10 per cent on the stock and assumption of all liabilities. The latter company report that the result for 1875, including taxes, interest and dividends amounted to \$4,121,053, or \$647,666 more than the net earnings, showing that the road only earned equal to 6 3/4 per cent on its capital, instead of the 10 per cent paid by the Pennsylvania Railroad Company.

The following shows the condition of the Central Railroad Company of New Jersey, as reported and sworn to February 5, 1876:

Capital stock.....\$20,625,000
Funded debt.....\$21,075,000
Other indebtedness.....6,793,007

Total capital and debt.....\$47,393,007

Cost of road and equipment.....19,707,419

Receipts:

Passengers.....\$1,367,991
Merchandise.....932,969
Coal.....1,760,482
Mail, express, rents, etc.....175,346

Total.....\$4,136,807

Expenses:

Running expenses.....\$974,383
Fuel consumed.....211,053
Repairs road, docks, etc.....478,351
Repairs of equipment.....704,084
Ferry expenses.....108,608
Miscellaneous expenses.....239,759

Balance net earnings.....\$1,432,809

The foregoing does not include the earnings, expenses or rentals of the Lehigh and Susquehanna Railroad, but it will be noticed that the net earnings of the road proper are insufficient to pay the interest on the bonded debt, which amounts to \$1,475,250, and are only equal to about 5 1/2 per cent on the total debt.

The following shows the condition of the Morris and Essex Railroad, as reported and sworn to January 29, 1876:

Capital stock.....\$15,000,000
Bonded debt.....18,112,000

Total capital and debt.....\$33,112,000

Cost of railroad and equipment.....\$33,112,000

Income during the year:

From passengers.....\$857,192
From freight.....\$297,762
From other sources.....193,396

Total.....\$1,348,350

Expenditures for working road:

Maintaining road, etc.....\$690,865
Repairs to machinery.....312,388
Operating road.....1,861,933
Taxes, State and other.....102,830

Total.....\$2,967,456

Net earnings.....\$1,372,894

This road is leased in perpetuity to the Delaware, Lackawanna and Western Railroad at 7 per cent on stock, with an assumption of all liabilities. The entire bonded debt bears 7 per cent interest, so the sum of rental for 1875 amounted to \$2,317,840, or \$944,946 in excess of its actual earnings, which sum represents the loss incurred by the Delaware, Lackawanna and Western Railroad Company from operating the road.

Connecticut River Railroad.

The earnings of this road for the years ending September 30, 1874 and 1875, were as follows:

	1874.	1875.
From passengers.....	\$347,704 43	\$320,743 64
" freight.....	321,527 73	292,033 92
" mail.....	12,325 47	11,419 51
" express.....	18,000 03	18,019 79
rents, etc.....	11,547 79	12,032 20

Total.....\$706,405 45 \$644,249 26

Expenses, viz:

Repairs of road.....	\$127,934 30	\$68,100 41
bridges.....	2,787 38	4,994 61
buildings.....	20,172 72	17,788 80
locomotives.....	25,488 00	12,192 47
cars, etc.....	40,524 85	29,091 90
tools, etc.....	2,016 98	1,004 94
Running trains.....	127,991 88	128,496 30
Station expenses.....	54,334 65	49,605 17
General expenses.....	18,947 44	18,606 48
Stationery, etc.....	6,763 07	5,717 82
Gratuities and damages.....	3,570 88	6,669 04
Removing snow and ice.....	2,214 62	3,388 59
Water works.....	3,084 61	1,766 36
Miscellaneous.....	9,496 72	24,117 19

Total.....\$444,718 03 \$371,779 48

Net earnings.....\$261,687 42 \$272,469 78

Surplus per last report.....128,409 40 214,116 34

Total.....\$490,096 82 \$486,586 12

Against which are charged:

Interest paid.....	\$21,489 54	\$22,378 62
Payment to sinking fund.....	8,000 00	8,000 00
Taxes.....	46,089 30	45,298 55
Insurance.....	401 64	2,601 62
Dividend of January.....	97,500 00	105,000 00
Dividend of July.....	102,500 00	84,000 00
Surplus September 30.....	214,116 34	224,307 43

Total, as above.....\$490,096 82 \$491,586 12

Compared with the previous year the gross earnings show a decrease of \$57,156 19, with a decrease in expenses of \$72,338 55, making an increase in net earnings of \$15,782 36. The report says:

In view of the general depression of business throughout the country, the stockholders will

hardly be surprised at the continued falling off in the receipts. They may feel disposed to inquire whether the corresponding report of decreased operating expenses is consistent with a thorough maintenance of the road and property.

In reply the directors would say that the hard times have not been allowed to affect their settled policy in this regard. The maintenance of the property is their first care. The amount of any dividend is determined by the surplus income remaining after the full provision for all needed expenditures to keep the road up to a high standard of excellence. Reason and experience have taught us that true economy and the largest profit are to be found in this course.

The present condition of the road and equipment will not suffer by a comparison with that of any former period. The department of road repairs has been supplied with 110 tons of iron rails, 220 tons of steel rails, about 22000 cross ties and 150 kegs of spike. The large expenditures heretofore made in substituting steel for iron rails, is now yielding a satisfactory return in the diminished cost of repairs and renewals. Of the seventy-three miles of main track, about forty-one miles are now laid with steel. The present cost of steel rails is such that no road can afford to use iron in its renewals of superstructure.

At the repair shops, the new locomotive, Brightwood, has been completed and put into service at a cost of \$4,800. The repairs of the cars and engines generally have been such as to warrant the statement, that the equipment has not depreciated in value. The engine house and turn table at Springfield have been thoroughly renovated at a cost of \$2,500.

During the year we have erected at Springfield a passenger shed, 240 feet in length by 25 feet wide, in connection with the passenger house of the Boston and Albany Railroad, at a cost of \$3,200. We have also made an addition of 68 by 82 feet to the freight house at Chicopee Junction, costing \$2,400, and have built a stone arch bridge for a new street through the road bed near Greenfield, at a cost to the company of \$1,600.

With the exception of about \$700, these several works have been charged to the expense account, and this action gives additional assurance that the value of our property has been fully maintained.

The company have 19 locomotives; 25 passenger, 12 baggage, mail and express, 134 box, 180 platform, and 45 stock, coal and other cars, and 19 snow plows. Miles run with passenger trains, 202,704; with freight, etc., trains, 126,846—total, 329,550. Number of passengers carried, 1,050,846; do. carried one mile, 11,677,686. Tons of freight carried, 298,822; do. carried one mile, 7,357,921. Earnings per mile of road, \$11,593 74. Earnings per mile run, \$1 97; operating expenses per mile run, \$1 12.5; net earnings per mile run, \$0 84.2. Percentage of expenses to earnings, 58.

BALANCE SHEET, September 30,

1874, and 1875.

Cost of road and equipment.....	\$2,680,417 32	\$2,681,122 50
Materials.....	69,425 87	77,161 10
Ferry stock and real estate.....	8,808 12	8,808 12
Bills receivable.....	247,786 62	88,012 22
Suspense account.....	2,433 66	2,518 81
Post office department.....	2,950 00	2,949 99
Vermont Valley Railroad stock.....		87,000 00
Dues from individuals and corporations.....	19,272 49	20,044 39
Dues from station agents.....	54,107 15	36,872 90
Commissioners of sinking fund.....	165,187 45	183,458 87
Investments.....	41,100 00	1,100 00
Cash.....	108,339 32	118,682 60
Total.....	\$3,414,778 00	\$3,302,726 50

Capital stock.....	\$2,100,000 00	\$2,100,000 00
Premium on capital stock.....	138,785 62	138,785 62
Mortgage bonds, due Sept. 1, 1878.....	250,000 00	250,000 00
Bills payable.....	399,800 00	260,400 00
Cashier.....	22,848 78	4,634 70
Unpaid dividends.....	1,790 00	1,771 00
United States.....	66 24	66 24
Due to individuals and corporations.....	83,165 03	98,374 91
Sinking fund.....	165,137 45	183,458 87
Surplus earnings.....	190,883 60	170,898 87
Commonwealth of Massachusetts.....	39,062 56	40,528 08
Profit and loss.....	23,282 74	53,408 26
	\$8,414,778 00	\$8,802,726 50

The office of the company is at Springfield, Mass. The officers are:

President.—DANIEL L. HARRIS.
 Directors.—Daniel L. Harris, I. M. Spelman, Edward A. Dana, Charles S. Sargent, Chester W. Chapin, Oscar Edwards, W. B. Washburn, Roland Mather, S. M. Walte.
 Clerk and Treasurer.—SETH HUNT.
 Auditor.—JOHN WHITTLESSEY.
 Superintendent.—JOHN MULLIGAN.

A Manufacturer's Views of the Mogul Locomotive.

In a recent letter to a prominent gentleman, touching the use of "Mogul" locomotives on narrow gauge railroad, Mr. H. G. Brooks, President of the Brooks Locomotive Works, Dunkirk, N. Y., makes the following among a number of other practical observations, which we take the liberty of transferring to our columns, as matter which we believe will interest many of our readers. After referring briefly to the subject of friction as it relates to the operating of railroads, he says:

One of the most important questions for the consideration of parties designing to construct, equip or operate a narrow gauge railway, is to decide upon such a weight and design of locomotive as shall secure to them all the advantages to be derived from the adoption of such gauge. The proper distribution of weight, in order that the maximum weight upon any one point upon the rail may never exceed a given limit, and that limit so largely under the capacity of a light iron rail to receive without injury, as to be used many years without perceptible depreciation, should receive minute attention and consideration. Now I assert, as the experience resulting from a careful study of this question, that upon a thirty-five pound rail the weight upon a single point should never exceed three tons; and I also assert that if the weight is kept down to two and one-half tons upon a single point, the rail will only wear out from lateral abrasions, and will be practically indestructible from hammering and consequent lamination.

Mr. Brooks admits that

There is no doubt that very heavy depreciation would follow the use of these locomotives at a high rate of speed upon a standard gauge, for the reason that upon such gauge, the lightest "Mogul" locomotive built has a weight upon each driving wheel exceeding five tons; and the general and more frequent fact is, that they are run with a weight exceeding six tons upon a single point.

But he claims that

There is not the slightest difficulty in attaining and maintaining a speed of thirty miles per hour, if desired, with a diameter of driving wheel thirty-six inches. A very high velocity is not expected nor generally desired upon the narrow gauge, and as the question of the elevation of the center of gravity is really a most important one, driving wheels thirty-six inches in diameter will be found to give the best results in the end. Hence I do

not hesitate to recommend a properly proportioned "Mogul" locomotive with thirty-six inch driving wheels as the best and most economical for adoption for general traffic upon a narrow gauge.

Poughkeepsie Bridge Co.

There was unusual interest felt throughout the city on Saturday in the action of the Directors of the Bridge Company, as it was believed and expected that the fate of the great enterprise would be definitely settled at the meeting held that day. We are glad to be able to say that so much progress was made that the directors feel fully assured of success, but that some work still remains to be done, and the actual closing of all conditions and the giving of the order to begin work, has therefore been still further postponed.

The popular subscription started on Friday was a complete success. When the directors had announced in the *Eagle* that morning that they wanted our people to raise \$25,000 more, few believed it could be done, but when the meeting at the Opera House closed in the evening nearly half the sum was on the books, and the canvassers then appointed, with those previously selected, worked so vigorously throughout Saturday that before night they had made up the full amount and a thousand over. One public spirited lady, who had been conspicuous for her aid to other enterprises here, put down \$5,000, and the balance was made up of small sums, every man doing what he could.

In the evening we called on Mr. Rust, and he stated that the American Bridge Company had already prepared its bills for timber and stone required, and if the response of our directors is what all hope and believe it will be, these will be sent out immediately and contracts for the materials will be made. Meantime such further examinations at the bottom of the site of the piers will be made by their engineers as may be thought necessary, and as soon as the materials can be got here a force of men will be employed putting in the foundations. This will probably be in about sixty days, so that work will begin early in September.—*Poughkeepsie Eagle*, July 5.

The Lumber Trade.

The recently-issued circular of the National Association of Lumbermen shows some interesting facts in connection with the exports and imports of all classes of lumber and timber during the years 1874 and 1875. One thing is very noticeable, that although the falling off in value of the exports of 1875 as compared with the year previous was \$3,613,601 the decline in superficial feet was 144,871,009, showing the considerable reduction in price which has taken place in lumber in common with most other staples. It appears that the export of boards, clap-boards, deals, planks, joists, scantling, laths, shingles, shooks, fire-wood, masts, timber, wooden-ware, and all other manufactures of wood, in 1875, amounted to \$17,740,085, and in 1874 to \$21,353,786. The imports of lumber, boards, cabinet-ware, etc., amounted to \$6,182,988 in 1875, and \$3,953,524 in 1874. The imports of lumber in the form of boards, deals, joists, and scantling, were more than double the exports in 1874, and considerably greater, though not double, in 1875. The decrease in imports for the latter year was 168,609,000 feet. With regard to the home consumption, the Northwestern Lumberman says:

At the beginning of the present century scarcely one hundred feet per person was consumed annually, while in 1870 the amount of sawed lumber consumed in the United States, according to returns of the ninth census was 12,755,543,000 feet, being over three hundred feet per person with at least fifty per cent of its aggregate value of shingles, staves, and box material. If this con-

sumption goes on in the same ratio, and it is reasonable to infer must be the case, it is somewhat startling to conjecture how the next generation is to be supplied.

We are assured, however, that there are still left 225,000,000,000 feet in the ligneous regions of our little country, to which may be added some twenty-five billion feet in the non-ligneous districts, while we must also bear in mind that forests are constantly growing. Notwithstanding the enormous destruction of hard timber for furniture-making, there is still left a belt standing from central Pennsylvania to near the Gulf of Mexico, of one unbroken forest of furniture timber, besides the fields of Indiana and Southern Illinois, Southeastern Missouri, and one-fourth of the State of Arkansas. There also remains in timber over forty per cent of all New England, over fifty of New York, Pennsylvania and Ohio, from which but a moderate share of that adapted to furniture making has, as yet, been cut. And even our Northwestern pine fields are not without a goodly share of furniture timber interspersed. This, however, does not exonerate us from taking good care of our timber lands and doing all in our power to help them increase and multiply.

Chicago, Danville and Vincennes Railroad.

The motion to confirm the Master's report, previously filed, in the foreclosure cases of Foshick and others against the Chicago, Danville and Vincennes Railroad Company, was heard in the United States Court at Chicago on the 3d inst. The defendants claimed that they were entitled under the rule to thirty days' time to file exceptions to the master's report. After some argument Judge Drummond granted the time asked, on the representation that the defendants wished it, but not on the ground that they were entitled to it on anything growing out of the record or face of the report. The court, however, overruled a motion then made by the defendants to strike from the files certain depositions taken in New York on the part of the complainants, the court stating that though by the act of Congress of 1879 it was required in cases like the present that the testimony should be reduced to writing by the officer taking the depositions, or by the witness, yet it appeared that the parties had agreed that the testimony should be written out by a stenographer, and the parties were thus estopped from making the objection.

Atlantic, Mississippi and Ohio Railroad.

A few days ago counsel for Francis Skiddy and others, trustees, filed a petition in the matter of Atlantic, Mississippi and Ohio Railroad, before Judge Bond in chambers, at Baltimore, setting forth that there is due for interest on mortgages prior to the mortgage to the petitioners about \$100,000, and that the further sum of about \$185,000 interest would be due on 1st of July, (instant), which the receivers of the Atlantic, Mississippi and Ohio Railroad will not be prepared to meet. The petitioners therefore ask that the court authorize the receivers to borrow what may be needed at a rate of interest not to exceed 7 per cent.

On Monday the clerk of the United States Circuit Court received an order from Judge Bond fixing the 18th instant for hearing argument upon the petition. He also ordered upon petition of the same parties that the receivers' official bonds heretofore filed be approved, and that the receivers be authorized to settle and adjust with railroad, steamboat or steamship companies any traffic balances, whether existing at the time of the appointment of the receivers or subsequently accruing.—*Richmond (Va.) Dispatch*, July 4.

John Thompson, the newly appointed Receiver of the Clinton, Dubuque and Western and Chicago, Clinton and Dubuque Railroads, took possession of them on the 1st instant. J. G. Johnston assumed the duties of General Superintendent on the same day.

Testing Materials Used on Railroads.

Probably if the Master Mechanics of most of our railroads were to make requisitions for testing machines, to determine the strength and quality of iron and other materials used, in at least nine cases out of ten, their superior officers would regard such a demand as unnecessary extravagance. It is probable, nevertheless, that such an investment of money, instead of being useless, would in many cases result in very great economy. It is certainly very important to companies whose expenditures for materials are counted by millions, to know definitely what they are getting for their money, which it is often impossible to know without carefully testing that which is bought. A 4 inch iron bar which will resist a strain of 40,000 lbs. is worth much more than one that breaks at half that weight. It is desirable, therefore, that an engineer, Master Mechanic or car builder should be able, when he buys iron, to determine certainly and promptly what its strength is. If iron were bought with the understanding that it must be of a certain definite strength, and be tested in a specified way, it is quite certain that a very much better quality would be furnished than if no such tests were made. The same is true of other material, such as boiler-plate, cast-iron, rope, etc. The amount of knowledge, too, which a Master Mechanic would acquire by having at hand a ready means of making such tests would be of immense service to him and to his employers in contracting for material, and also in designing machinery and other structures. Without such facilities, he is obliged to depend upon material of whose strength he is ignorant. It is impossible, for example, to know the strength of a chain from mere inspection without experiment, and yet, if applied to the trucks of cars, the lives and safety of the passengers at some time may be entirely dependent upon its quality and strength. In designing machinery much valuable knowledge would thus be gained by careful tests of the materials employed. It does not require much experience to learn that a purchaser who is ignorant of the qualities of the goods he buys is nearly always at the mercy of the seller. There is nothing which conveys so much information of the qualities of metals as careful experiments concerning their strength, and the tricks of trades which have been revealed by good testing machines would surprise many novices. The accidents which are almost daily causing sorrow and suffering, or exciting indignation or apprehension, all warn us of the importance of more careful inspection of materials and machinery. If railroad managers knew more definitely the nature of the material of which their rails, wheels and axles are made, the list of accidents which are published monthly would be greatly reduced. At the present time it seems to be regarded as sufficient reason and excuse for an accident that it is found to be attributable to a broken rail or wheel. Quite the reverse would be regarded as conclusive evidence of culpability on the part of the railroad company. It is not alone, however, in the strength and power of resistance of materials that testing machines are useful. They serve quite as good a purpose in revealing the mistakes and defects of design and construction as they do in determining the quality of materials. We took occasion only a short time ago to call attention to the proportions of the fastenings of car check chains. The same faults are common in boiler stays and many other parts of railroad machinery, the defects of which would be at once revealed by a few experiments.

Much valuable information has been obtained during the past year by the Supervising Inspectors of Steamboats in their experiments upon the Rieble Bros. Testing Machines (one of which is stationed at each of the chief commercial centers), in regard to the strength of boiler plate, etc., and so important has it become that a number of our leading plate mills and others have provided themselves with one of these machines that they may thus know from time to time the exact nature of the iron they are making, and so reach and main-

tain a grade of excellence that will insure entire confidence in the uniformity of their product. We understand the Rieble Bros. have allotted a department in their works in Philadelphia for testing specimens of metals, etc., and have issued circulars with diagrams showing sizes of specimens they are prepared to test for a mere nominal charge. This is a great benefit to those who have no machines, and we hear is being appreciated by the number of specimens received from all parts of the country to be so tested.—*Chicago Railway Review*, July 1, 1876.

The Coal Trade.

The report of the tonnage of anthracite coal is for the week ending on the 1st instant, and, being a working week, the product of coal is comparatively large—the entire tonnage of the week reported by all the companies amounting to 394,036 tons, against 482,297 tons in corresponding week last year, a decrease of 88,261 tons. The total amount of anthracite mined for the year is 7,673,891 tons, against 6,842,677 for same period last year, an increase of 831,214 tons. The quantity of bituminous coal sent to market for the week was 104,820 tons, against 111,047 tons for corresponding week last year, a decrease of 6,727 tons. The whole bituminous tonnage from the beginning of the coal year is 2,134,118 tons, against 1,948,463 tons in corresponding time last year, a decrease of 185,655 tons. The total tonnage of all kinds of coal for the week is 498,856 tons, against 598,344 to corresponding date last year, a decrease of 99,488 tons, and the total tonnage for the coal year is 8,908,009 tons, against 8,791,140 tons to same date last year, an increase of 1,016,869 tons. The quantity of coal and coke carried over the Pennsylvania Railroad during last week was 95,802 tons, of which 81,623 tons were coal and 14,179 tons coke. The total carried this year is 1,969,532 tons, of which 1,624,693 were coal and 344,839 coke. This total embraces all the coal carried over the road, east and west. The Reading Coal and Iron Company has fixed the following prices for coal delivered on board vessels at Port Richmond, Philadelphia, for the current month: Hard and soft white ash—Lump, \$4 40; steamer, \$4 50; broken, \$4 60; egg, \$4 70; stove, \$5 30. Schuylkill red ash—Egg, \$4 80; stove, \$5 40; chestnut, \$4 50. Shamokin—Egg, \$4 90; stove, \$5 40; chestnut, \$4 50. Lorberry—Broken, egg and stove, \$5 50; chestnut, \$4 55. Lykens Valley—Broken, egg and stove, \$5 95; chestnut, \$5.—*Phila. Ledger*, July 10.

The Coal Mines of England.

It appears from the report of the Inspectors of Mines recently submitted to Parliament that last year was, despite the general depression of trade, one of unusual activity, to judge by the extent of the yield, in colliery operations. The total produce of coal was 183,806,485 tons, an increase of six and a half millions of tons over the output in 1874. There was an increase also in the produce of ironstone and shales, and a decrease in the one item of fireclay only. The number of tons of coal raised in North and East Lancashire in 1875 was 8,881,137; in West Lancashire, 9,048,914, or upward altogether of seventeen millions—two millions more than the total yield of Yorkshire, which was 15,860,000. From the same returns we learn that in the aggregate 535,845 persons are employed in and about the mines, 427,017 under ground, and 108,282, including 6,504 women, above ground. There has been no diminution in the number of deaths reported. The total number of accidents was 927, as compared with 896 in the previous year, and 1,244 deaths followed from these accidents, against 1,056 for 1874. Death was caused in 288 cases from explosions of fire damp, in 458 from falls of roof or sides in the workings, 172 from accidents in shafts, 227 from casualties of various kinds under ground, and 99 from casualties above ground. There are 4,501 mines, and the deaths are in the proportion of

more than three to every mine, and one in every 480 persons employed.

The Resources of Ireland.

The population of Ireland, by the census of 1871, was 5,409,435. The inhabited houses are 959,393. The total number of owners of land is 68,758. For every thousand persons there are thirteen owners of land, and seventy-two owners of land for every thousand inhabited houses. Of the owners of land, less than half—that is 38,144—have less than an acre; 32,614 an acre or more. It is evident that the land less than an acre represents generally a house, with or without a bit of garden, for the aggregate of these small properties, though of considerable value, covers little ground. While the 32,614 owners of an acre and upward have 20,150,612 acres, with a rateable valuation of £12,052,809, the 36,144 owners of less than an acre have only 6,065 acres, but of the rateable value of £1,366,449. The majority of Irish owners of land could be comprised in the area of many an English parish known as a good-sized village, or small market town. It is only when we come to the fifth figure—that is, the thousands—that the aggregate properties of half the land owners affects the total acreage. This disproportion is by no means uniform in the several Provinces. In Leinster, while 10,040 owners own 4,809,292 acres; 15,684 own no more than 3,119 acres; in Munster 7,677 persons own 5,895,859 acres, 8,101 only 2,511 acres; in Ulster 11,956 own 5,257,253 acres, 10,036 only 3,010 acres; in Connaught 2,941 own 4,188,207 acres, while 2,322 have properties covering altogether 424 acres, or only about a ten thousandth part of the total territory possessed by the more fortunate moiety of Connaught land owners.

Pork Packing Trade of the West.

The Bureau of Statistics at Washington has published figures, collected by the Cincinnati Chamber of Commerce, showing the growth, value and extent of the pork packing trade of the Western States since 1849, a period of twenty-seven years. From that publication the following statement is made:

The hog packing business is done almost entirely between Nov. 1 and March 1 of each year, and is, in the main, confined to seven States, viz.: Ohio, Indiana, Illinois, Kentucky, Missouri, Iowa and Wisconsin. Illinois packs the greatest number. In the season of 1875-6 the entire number of hogs packed was 4,850,192. Of that number Illinois packed 1,913,895, Ohio 822,935, Missouri 555,819, Indiana 568,867, Iowa 351,406, Kentucky 260,165 and Wisconsin 209,255. Michigan, Minnesota, Kansas and Nebraska together packed about 150,000.

Since 1849 the hog packing trade has increased more than threefold. In the season of 1849-50, the number of hogs packed was 1,652,220, while last season the number was nearly five millions. The gross weight of last season's packing was 1,832,215,076 pounds, and the aggregate cost of the hogs \$93,422,543. The yield of lard from the operations of last season was 174,803,338 pounds.

The production of the past twenty-seven years divided into periods of nine years, shows as follows: For the period ended 1857-8 the number of hogs packed was 17,546,965. Period ended 1866-7, the number was 23,895,891. Period ended 1875-6, the number was 38,549,206. By aggregating these figures the value and extent of the hog packing trade will be better appreciated. In the period named, twenty-seven years, the aggregate number of hogs packed in the Western States was 79,992,062. The returns of the trade for the past six years show that a fair average weight for hogs is 270 pounds. This would make the aggregate weight of the pork packed in the past twenty-seven years 21,597,856,740 pounds. The estimated cost of the hogs is \$1,166,284,262. The

yield of lard in the same period was 2,979,714,232 pounds.

Chicago is the principal point of the pork packing trade. Last season there were packed at Chicago 1,592,065 hogs, or more than one-fourth of the entire number packed. The points at which over one hundred thousand were packed, are Cincinnati, 563,859; St. Louis, 529,895; Indianapolis, 323,184; Louisville, 223,147; Milwaukee, 181,972. Peoria, Cleveland, and St. Joseph each packed over eighty thousand; Cedar Rapids Iowa, and Kansas City, each 75,000; Quincy and Dubuque, each 50,000; Des Moines, 40,000. At thirty other points the number packed at each ranged from ten to thirty three thousand. The figures given show that Chicago is three times more of a "Porkopolis" than Cincinnati. The yearly average price of mess pork in New York in 1875 was \$21.09, and lard \$14.03. The steady increase of the business is shown by the returns made for the past six years, during which period the aggregate number of hogs packed was 29,692,937, weighing 8,182,206,268, and costing \$484,720,129. The yield of lard in the same period was 1,099,235,549 pounds.

The General Postal Union.

The "General Postal Union," which went into operation one year ago, was designed to effect international postal communication with the United States embracing all Europe and the larger part of Asia and Africa. On the 1st instant all British possessions in India, and all French colonies in Asia, Africa and America were admitted to this postal union; these latter added to the union 245,000,000 people, and increased the territory of the union to a grand aggregate of 999,000 square miles with nearly 624,000,000 people.

The rates of postage to be prepaid in the United States to India and the French colonies, since July 1, are: On prepaid letters, 10 cents per half ounce; on postal cards, 4 cents each; on newspapers, 4 cents each. If not so prepaid, letters will be forwarded, but will be charged double postage on delivery.

Spain and the Netherlands have asked that their colonies may be added to the postal union; Brazil has announced its readiness to join it; and Great Britain will probably ask a similar privilege for all its colonies—scattered "from the rising of the sun to the going down of the same." So that the "General Postal Union" will soon be called the "Postal Union of the World."

American Pine Timber for Spain.

A communication has been received by the Secretary of State of the United States from John F. Quarles, United States consul at Port Mahon, capital of the Island of Minorca, in the Mediterranean, belonging to Spain, which is of interest in its bearing on our foreign export trade. Mr. Quarles refers to the importation of pine timber into Spain from the Southern United States. He says he has been recently informed by a number of Spanish dealers that the American pine timber is beginning to find a more ready market in the Mediterranean islands, along the southern coast of Spain and in Algeria, it having been discovered that it is equally as well adapted for the manufacture of furniture, and better suited for the construction of buildings than that brought from the northern countries of Europe. A number of vessels have been sent from Port Mahon to engage in this trade. He asks to have the attention of the owners of American merchant vessels directed to this important and growing branch of American exportation.

Three years ago, when Mr. Quarles entered upon his duties, there had never been an American

cargo landed in any of the ports of the island, but since then a trade has gradually sprung up between Savannah and Palma, and the consular agent at the latter place expects for his next report to show a large increase. Alcanidia, a small port in Majorica, is also importing large quantities of American timber for re-exporting to Algeria, and Port Mahon is engaged in the same trade. He can see no reason why American vessels should not participate in this lucrative trade, thus far almost monopolized by Spanish vessels. He says he is convinced that the pine timber of the Southern States is soon to become one of our chief exports, and when he remembers the immense quantities of timber yearly imported into Spain, and being assured of the superior quality of our pine, he can but believe that it will require but a little fostering care to build up a most important trade between the United States and Spain.

Columbus and Toledo Railroad.

The Ohio State Journal says that the tracklayers on the Columbus and Toledo Railroad, above Carey, have reached a point in Seneca county about three miles north of the county line, and are but ten miles south of Fostoria. The other gang is now about three miles north of Marion. In a few days tracklaying will be commenced at Delaware, toward Columbus. The Fostoria Review, of 7th inst., in speaking of the Columbus and Toledo Railroad, says:

The iron having been laid south from Carey to the point where lies are to be procured for the northern portion of the road, about forty hands commenced to lay iron from Carey toward this place, last week, and they are confidently expected by the 16th inst. We understand that upon finishing the ironing of that portion of the road between Fostoria and Carey, the entire southern portion of the road is to be finished before the iron is laid between here and Toledo—the object being to ballast the road up so as to enable the company to transport their iron from Columbus for the balance of the road on their own line.

Tahoe and Carson Narrow Gauge Railroad.

The following is a description of a narrow gauge road in California known as the Tahoe and Carson Narrow Gauge, which presents some novel features of railway engineering.

The road bed runs along the lake for about a mile, until it reaches a huge gorge in the mountains; up this dark and uninviting canyon, through long cuts in the solid granite, over high trestles, runs the track until, after attaining an altitude of some thousand feet, it reaches the summit of a giant mountain. To most civil engineers this peak would be an obstacle unpassable; not so with Mr. Anderson, the company's very skilled surveyor. The summit of the peak had to be reached, and if the grade was too heavy up an angle of less than forty-five degrees there was still another way to attain the summit, and that was a zigzag road in the shape of a letter Z, piled on another across the face of the old bald mountain, and then instead of turning a curve, runs its catcher into a corner of the Z, and backing out and up the grade, continues in that manner until the summit is reached, a distance of seven and a half miles from Flinbook. From there across a fertile little valley which crowns the summit, the road runs past Spooner's Station, a relic of the ante-railroad days, situated on the old Placerville freight road to Sacramento. Through a tunnel four hundred and eighty feet long pushes the road until a short distance beyond it reaches the flume station. Here are at least a million feet of lumber of different lengths awaiting their turn to be carried down on the swiftly running waters of the flume into Carson City, thence by rail up

and into that tomb of the Sierras, the Comstock lode. The entire length of the narrow gauge will be nine miles. The rolling stock at present consists of two engines, and about sixty flat cars, which are deemed sufficient for the present wants of the road.

Railroad Earnings.

The earnings of the Toledo, Peoria and Warsaw Railway for the month of June, 1876, were \$185,927.85; for the month of June, 1875, \$77,968.04—Increase, \$107,964.81. For the six months ending June 30, 1876, the earnings were \$698,864.45, against \$429,415.14 for the six months ending June 30, 1875—an increase of \$268,949.31.

The earnings of the Ohio and Mississippi Railroad for the month of June, 1876, were \$304,846.20; for the month of June, 1875, \$257,323.81—Increase, \$47,522.39. From January to June 30, 1876, \$1,847,769.17, against \$1,589,064.31 for the corresponding period of 1875—an increase of \$258,704.86.

The earnings of the St. Louis, Kansas City and Northern Railway for the month of June, 1876, were \$228,719.65; for the month of June, 1875, \$178,332.52—Increase, \$50,387.13. From January 1 to June 30, 1876, \$1,499,756.02, against \$1,236,931.22 for the corresponding period of 1875—an increase of \$262,824.80.

The earnings of the Chicago, Milwaukee and St. Paul Railway for the month of June, 1876, were \$877,571, against \$742,168 for the month of June, 1875, an increase of \$135,403; and since January 1, 1876, \$3,960,396, against \$3,392,442 for the corresponding period of 1875, an increase of \$567,954.

The earnings of the Chicago, Rock Island and Pacific Railroad for June, 1876, were \$614,005.06; for June, 1875, \$576,082.28—Increase \$37,922.78.

The earnings of the Chicago and Northwestern Railroad for June, 1876, were \$1,287,858; against \$1,052,890 for June, 1875—an increase of \$234,968.

The earnings of the Chicago and Alton Railroad for the month of June, 1876, were \$441,390.27; for the month of June, 1875, \$382,232.58—an increase of \$59,157.69. For the six months ending June 30, 1876, the earnings were \$2,237,008.59, against \$2,112,965.65 for the six months ending June 30, 1875—an increase of \$124,042.94.

The earnings of the Union Pacific Railroad for the month of May, 1876, were \$1,201,954.61, the expenses \$501,067.05, and the surplus \$700,887.56. Included in the operating expenses are \$19,684.36 for taxes and \$74,104.75 for steel rails.

The earnings of the Central Pacific Railroad in 1876, 1875 and 1874, compare as follows:

For the month of June, 1876	\$1,639,000
For the month of June, 1875	1,738,369
For the month of June, 1874	1,866,614
Earnings first six months, 1876	7,901,000
Earnings first six months, 1875	7,910,183
Earnings first six months, 1874	8,323,963

Jan. J. W. Taylor, of Harford county, Md., has constructed an application to railroad cars which is proposed to relieve passengers of the manifold discomfort of cinders, dust and smoke. The invention consists of a trough on the car cases, which is to collect the offensive particles and conduct them to the ground, instead of through the car windows as at present; and also to prevent dust arising from the track to the car windows.

Baltimore, Plumtree and Pikesville Railroad.

At the annual meeting of the stockholders of this company, held in Baltimore on the 10th inst., a committee previously appointed to ascertain the financial condition of the company made a report. They say there has been spent in construction, equipment, repairs, &c., \$46,858.18; loss in operating road three years, \$1,648.90; paid interest on discounts, \$1,856.89; total expenditure, \$50,425.73; received in subscriptions to stock, \$87,490; leaving a deficit of \$12,935.72. The board have loaned their joint notes for \$12,000 to the company on mortgage on road, equipment, &c., and the company owes in unsettled accounts \$935.73, making the deficit as above. With an uncompleted road, without proper terminals, and a parallel steam railway as a competitor, through a new section of country, and in these times of depression, the board think they have much to congratulate themselves upon—with three years running only \$1,648.90 as actual loss. It has been the hope of the board that long ago a sufficient sum would have been pledged on the route from Rogers avenue, (2½ miles) to have completed the road to that point, but so far it has not been realized, and they now claim it to be a necessity to reach the turnpike at a point near Arlington, so that its receipts (in the winter months particularly) may equal its operating expenditures. After discussion the stockholders appointed J. Howard McHenry, Joshua Parsons and Chas. Olansen a committee to see what would be the probable cost to complete the road to Pikesville, and what moneys would be subscribed by the owners of property. Directors were elected for the ensuing year as follows: Wm. Sairley, John D. Saurberg, Wm. H. Jones, E. D. McConkey, J. Howard McHenry, John W. Numsen and Jesse L. Hutchinson. Mr. Saurberg declined reelection as president, but his declension was refused. Mr. Numsen was chosen treasurer and Mr. McConkey secretary.

Sale of Centennial Exhibits.

A bill was passed by the House of Representatives on the 11th inst., authorizing the Secretary of the Treasury to make such regulations as will enable foreign exhibitors at the centennial exposition to dispose of separate articles of their merchandise now on exhibition without being required to pay the customs duties upon the entire exhibit. The bill requires foreign exhibitors who desire to make sales to pledge their entire exhibit to the United States as security for the payment of customs duties upon any articles that may be sold. Under the existing law the entire exhibit is required to be entered for consumption and sale before a single article can be sold and removed.

New Engine for Ascending Steep Gradients on Railroads.

Tests have been made in England with a new engine, designed for ascending steep gradients on railways. The principal idea of the invention is the conversion of a locomotive into a stationary engine by the action of two gripping struts, placed on either side at the end of the engine. In the framework of the latter is fixed a hauling drum about one foot in diameter, round which is wound a wire rope. At the foot of a steep incline, this wire rope is paid out, and the engine ascends by itself. When a sufficient distance has been traversed, the engine is stopped, and the gripping struts, holding firmly to the rails, allow the train to be drawn up by the rope, as if by an ordinary stationary engine. The powerful gripping action

of these struts is shown by their not yielding when the force of steam is worked directly against them. The tests which have been made show that, when descending an incline, they act as brakes, and are capable of stopping a train travelling forty miles an hour in 370 feet, which is certainly a very satisfactory result.

The Canal and the Grain Trade.

The receipts of all kinds of grain at Buffalo, last month, according to the tables of the *Commercial Advertiser*, aggregated 7,905,907 bushels. In the same month last year the total was 7,520,228 bushels, showing a small increase in favor of this year. The receipts for the entire navigation season are over 2,000,000 bushels in excess of those of 1875. The exports by canal also show a slight improvement over those of last year. The total shipments from that port, from the opening to June 30th, reached 8,710,193 bushels; in the corresponding period last season only 7,223,331 bushels were sent East by water. The tolls collected at the port of Buffalo this year were \$184,173, against \$180,990 in the same months of 1875. But this immense business was done for almost nothing both by lake and canal.

Eastern (N. H.) Railroad.

At the annual meeting of the stockholders of this company, held at Portsmouth, N. H., on the 11th inst., the following gentlemen were unanimously elected directors, viz: Moody Currier of Manchester, N. H.; Dexter Richards of Newport, N. H.; Walter Hastings of Boston, Mass.; Francis Thompson of Boston, Mass.; Edward L. Giddings of Beverly, Mass., a new board throughout. Votes were passed instructing the Directors to obtain a change in the charter in relation to votes at the meetings, &c. The following order was also passed:

Voted, That the Directors be and hereby are instructed to ascertain what are the rights and liabilities of this Corporation under any contracts of lease or otherwise. To take such measures in relation to collection of dividends or rentals due the stockholders of this Corporation, and for such purpose to employ such counsel and cause such investigations as in their judgment may be deemed fit and proper; and with full power to do such acts and take such steps as to them may seem proper in relation thereto.

At a meeting of the Directors, held subsequently, Hon. Moody Currier was elected President, Thomas J. Lee Treasurer, and William H. Hackett Clerk.

At the meeting of the stockholders of the Portsmouth, Great Falls and Conway Railroad, held at Portsmouth, N. H., on the 11th inst., the following gentlemen were elected Directors: Ichabod Goodwin, Portsmouth; W. H. Y. Hackett, Portsmouth; George William Burleigh, Great Falls; Frederick W. Choate, Beverly; Robert W. Hooper, Boston. Hon. W. H. Y. Hackett was subsequently chosen President, and Wallace Hackett Clerk. On motion of Mr. Rollins of Portsmouth, the vote passed uniting this road with the Eastern R. R. Co. some years ago was rescinded, and the meeting was dissolved.

The Northwestern Lumberman says that 25 miles of the missing link between Flint and Lansing of the Chicago and Lake Huron railroad have been graded, and that the laying of iron will commence in August. It is expected the road will be connected in November.

Chicago, Clinton and Western Railroad.

The application of the Receiver of the Chicago, Clinton and Western Railroad for permission to issue receivers' certificates for work and material for the continuation of the building of the road between Clinton and Tipton, (said certificates to be considered a first lien) was argued at Davenport, Iowa, before Dist. Judge W. I. Hayes, on the 28th of June. The leading business men of Iowa City, Clinton and Tipton, who are financially interested in the building of the road, were present, and all expressed themselves in favor of the receiver's application. A written proposition was also presented by the Receiver from eastern iron manufacturers, agreeing to take these certificates and furnish iron for twenty miles of road to fill the gap between Clinton and Tipton, sixteen miles of road from the former city being already ironed. A final hearing was postponed until the 27th of July.

California Pacific Railroad.

SAN FRANCISCO, July 11.—Two of the German bondholders of the California Pacific Railroad and the Directors of the Central Pacific Railroad have submitted an agreed case to the Nineteenth District Court, asking for a decision, without consideration, as to the validity of the indorsement of the bonds of the California Pacific by the Central Pacific, to enable parties to at once take the case on appeal to the Supreme Court. The Judge rendered a pro forma decision, holding that the indorsement is valid. The case will at once go up on appeal. The object of the procedure is evidently by a favorable decision of the Supreme Court to override the decision of the Fourth District Court in the case of the stockholders against the Directors of the Central Pacific, declaring the indorsement invalid, and enjoining payment of interest on the bonds.

The Central Railroad Company of New Jersey has negotiated the balance of its Consolidated Mortgage bonds through a foreign banking house in this city. This makes a total issue of \$15,000,000, the remainder being held in reserve, according to the terms of the mortgage, against the outstanding first mortgage and convertible bonds and the Newark and New York Railroad Company's bonds.

The banking firm of Henry Clews & Co. is succeeded by Livermore, Clews & Co. Mr. Livermore, the senior member, is reputed to be a millionaire, and returns to active business after a long retirement therefrom. The newly organized firm have taken offices at No. 8 Nassau street and No. 16 Wall street.

A permanent alliance has been made between the Erie Railway Company and the United States Express Company. The latter has issued a scrip dividend of ten per cent., and has increased its capital by \$1,000,000, one-half to the Erie and one-half to its stockholders.

Operations commenced Monday on the Lachine Canal enlargement. The tender for the enlargement of the Cornwall Canal will be called for immediately.

The President has signed a bill authorizing the construction of a pontoon railway bridge across the Missouri river, at Nebraska City.

RAILROAD EARNINGS—MONTHLY.

Atchison, Top. & San. Fe.: January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
1875.....	68,659	78,410	104,051	112,474	107,644	104,437	.....	.....	.....	.....	.....	.....
1876.....	117,417	144,132	180,246	197,000	213,000	187,000	.....	.....	.....	.....	.....	.....
Central Pacific:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	852,860	694,015	939,778	1,129,469	1,373,675	1,301,203	1,214,551	1,251,623	1,392,125	1,375,470	1,228,751	1,116,368	13,919,394
1874.....	848,558	804,044	884,423	1,101,623	1,311,699	1,366,615	1,286,940	1,322,557	1,371,739	1,465,515	1,381,765	1,370,334	14,322,814
1875.....	963,939	906,159	1,136,263	1,366,984	1,798,469	1,738,370	1,536,235	1,553,014	1,567,622	1,615,974	1,513,836	1,338,209	17,035,063
1876.....	961,000	1,000,000	1,133,000	1,408,000	1,700,000	1,639,000	.....	.....	.....	.....	.....	.....	.....
Canada Southern:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1875.....	67,487	41,501	82,255	106,755	102,546	96,599	.....	.....	.....	.....	.....	.....	.....
1876.....	123,742	141,161	165,431	168,452	123,088	111,008	.....	.....	.....	.....	.....	.....	.....
Chicago and Alton:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	347,373	396,307	430,893	409,479	430,184	475,819	540,342	596,708	560,858	564,633	410,907	344,046	5,497,541
1874.....	344,420	339,876	362,342	384,335	397,683	496,815	464,438	480,056	524,042	550,950	416,544	364,725	5,126,228
1875.....	319,928	328,219	363,627	367,956	351,004	382,233	387,445	411,960	490,283	489,019	395,779	369,311	4,656,764
1876.....	330,393	332,055	353,719	353,530	442,457	441,390	.....	.....	.....	.....	.....	.....	.....
Chicago and Northwestern:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1872.....	774,856	714,123	846,394	900,376	1,074,779	1,070,460	1,029,958	1,196,700	1,303,304	1,433,948	1,067,387	859,780	12,272,645
1873.....	752,468	765,249	967,258	1,034,023	1,256,072	1,309,579	1,249,445	1,316,327	1,520,638	1,516,583	1,075,908	1,052,915	13,816,465
1874.....	1,014,514	900,765	1,024,061	1,080,193	1,290,596	1,163,522	1,011,685	1,116,370	1,254,255	1,407,975	1,065,726	1,030,027	13,361,680
1875.....	825,469	671,784	970,064	1,024,389	1,164,459	1,237,853	.....	.....	.....	.....	.....	.....	.....
Chicago, Mil. & St. Paul:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	334,715	423,716	555,987	574,258	805,802	929,911	834,341	767,871	1,193,210	1,019,741	771,780	843,193	9,046,124
1874.....	654,426	657,497	576,271	742,051	964,930	886,709	749,215	704,373	796,859	862,153	694,250	668,283	8,953,017
1875.....	466,101	333,273	502,765	398,669	718,465	742,169	842,395	630,516	741,206	974,363	927,030	747,893	8,255,744
1876.....	527,000	518,000	567,388	650,994	819,853	877,571	.....	.....	.....	.....	.....	.....	.....
Clev., Col., Cin. & Ind.:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	363,921	413,043	448,924	413,443	436,459	411,260	393,806	465,503	466,796	423,893	327,804	329,596	4,887,448
1874.....	378,408	292,730	328,537	352,993	317,881	345,188	338,572	418,791	387,376	409,237	353,564	325,399	4,248,606
1875.....	277,140	255,239	301,666	304,424	303,689	285,947	291,386	306,105	383,550	364,738	367,295	333,038	3,774,217
Erie:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1872.....	1,332,994	1,294,076	1,460,174	1,548,813	1,775,324	1,463,961	1,550,023	1,525,243	1,643,464	1,733,752	1,704,374	1,392,015	18,694,096
1873.....	1,326,506	1,329,422	1,515,382	1,541,958	1,754,891	1,717,593	1,784,894	1,820,756	1,879,764	1,825,630	1,529,307	1,522,585	19,548,617
1874.....	1,455,210	1,286,511	1,430,911	1,556,922	1,646,139	1,648,938	1,545,380	1,546,175	1,605,138	1,680,196	1,447,666	1,287,551	18,136,787
1875.....	1,164,975	1,101,631	1,074,743	1,423,386	1,556,521	1,570,470	1,534,098	1,497,529	1,538,089	.....	.....	.....	.....
Hannibal & St. Joseph:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1875.....	94,532	116,286	138,779	147,439	125,890	.....	.....	.....	.....	.....	.....	.....	.....
1876.....	142,969	156,111	174,335	148,573	141,289	.....	.....	.....	.....	.....	.....	.....	.....
Illinois Central:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1872.....	637,430	531,637	575,393	559,871	648,956	659,363	609,846	783,255	744,782	881,693	696,475	698,063	8,026,754
1873.....	602,241	597,429	660,759	553,912	635,459	742,600	684,840	769,748	884,485	797,121	636,039	703,692	8,266,325
1874.....	583,998	517,674	561,793	586,962	672,234	692,416	627,454	711,969	758,536	838,307	608,943	680,435	7,900,721
1875.....	591,031	481,681	595,519	610,459	604,881	602,505	715,899	613,446	718,101	816,508	773,092	679,434	7,802,556
1876.....	588,446	608,126	605,494	546,082	585,969	614,484	.....	.....	.....	.....	.....	.....	.....
Kansas Pacific:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1872.....	189,606	191,738	300,783	322,875	341,943	322,559	338,838	357,303	349,468	449,418	314,513	223,340	3,693,182
1873.....	150,567	194,766	300,719	352,300	332,764	312,614	323,231	328,189	333,785	392,510	265,217	201,492	3,498,160
1874.....	170,349	178,429	245,774	292,143	316,647	316,379	293,247	.....	.....	.....	.....	.....	.....
Lake Shore & Mich. South'n:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1871.....	1,090,039	1,082,656	1,320,092	1,225,281	1,201,783	1,148,481	1,140,388	1,304,253	1,377,653	1,410,867	1,353,362	1,243,594	14,898,449
1872.....	1,349,275	1,302,139	1,504,478	1,536,193	1,489,333	1,332,727	1,235,145	1,472,074	1,643,640	1,774,891	1,567,875	1,492,235	17,699,935
1873.....	1,445,220	1,600,933	1,774,128	1,709,880	1,663,040	1,604,448	1,446,956	1,566,914	1,791,376	1,785,186	1,433,735	1,572,693	19,414,509
1874.....	1,569,750	1,363,355	1,491,280	1,518,122	1,373,678	1,335,319	1,225,831	1,414,819	1,532,602	1,589,497	1,335,892	1,365,986	17,146,131
1875.....	1,163,564	1,037,518	1,287,841	1,275,664	1,100,142	1,055,699	1,079,908	1,178,324	1,306,826	1,392,487	1,275,955	1,280,371	14,434,199
Michigan Central:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1872.....	411,113	384,058	449,453	485,550	487,282	398,300	402,084	460,101	536,603	641,807	487,603	464,163	5,608,117
1873.....	379,836	404,261	567,314	556,180	542,058	480,028	457,853	452,330	617,291	577,031	506,804	552,546	6,089,534
1874.....	555,709	438,037	487,871	551,932	559,284	468,908	413,303	494,792	552,484	609,888	525,480	481,668	6,129,555
1875.....	500,902	441,623	611,211	600,066	556,789	491,823	.....	.....	.....	.....	.....	.....	.....
1876.....	518,567	548,669	583,981	610,543	629,348	533,170	.....	.....	.....	.....	.....	.....	.....
Mo., Kan. & Texas:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	200,639	224,393	256,719	258,871	250,935	249,343	301,318	336,893	399,939	370,710	309,028	285,803	3,444,391
1874.....	266,333	230,371	262,501	214,011	224,589	237,425	245,595	288,999	313,500	.....	.....	.....	.....
1875.....	198,099	204,539	233,095	192,471	187,091	.....	.....	.....	.....	.....	.....	.....	.....
1876.....	256,459	254,722	245,814	214,788	212,928	.....	.....	.....	.....	.....	.....	.....	.....
Ohio and Mississippi:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	383,605	291,630	338,725	338,709	307,520	290,470	271,314	300,895	379,105	323,532	265,242	264,920	3,654,667
1874.....	266,039	243,167	304,842	293,665	268,807	292,546	282,643	311,140	366,131	382,544	399,575	297,678	3,612,776
1875.....	245,989	244,983	309,908	273,441	257,971	256,772	.....	.....	.....	.....	.....	.....	.....
1876.....	315,795	293,039	314,382	306,637	313,070	304,846	.....	.....	.....	.....	.....	.....	.....
Philadelphia and Reading:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1871.....	506,367	423,045	644,506	688,578	1,063,002	1,510,088	1,213,303	1,359,633	1,418,141	1,413,643	1,423,278	837,080	12,500,664
1872.....	657,318	645,090	833,693	1,044,251	1,116,387	1,167,008	1,071,407	1,142,241	1,190,695	1,322,847	1,127,030	891,791	12,199,748
1873.....	742,041	745,100	1,258,470	1,379,009	1,308,450	1,382,096	1,321,543	1,446,247	1,547,475	1,486,091	1,324,348	1,049,136	14,990,006
1874.....	683,128	737,381	1,190,328	1,321,509	1,433,450	1,373,229	895,453	1,066,632	1,468,807	1,557,429	1,275,639	958,135	14,361,121
1875.....	447,172	417,644	575,740	650,270	689,193	917,514	1,555,974	1,631,339	1,856,258	1,722,954	1,438,733	.....	.....
St. Louis, I. Mt. & South'n:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1873.....	145,834	152,054	224,449	207,627	254,927	216,233	200,575	223,714	244,967	238,196	209,622	221,348	2,539,539
1874.....	243,915	211,409	226,288	214,630	251,509	238,608	235,260	254,230	292,216	358,776	250,980	385,000	.....
1875.....	250,790	281,911	275,910	264,560	275,147	291,631	.....	.....	.....	.....	.....	.....	.....
1876.....	352,200	312,500	295,000	275,400	264,900	262,300	.....	.....	.....	.....	.....	.....	.....
St. Louis, Kans. C. & North'n:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1875.....	208,068	196,155	243,491	220,692	198,083	178,332	.....	.....	.....	.....	.....	.....	.....
1876.....	246,096	282,879	271,230	234,002	237,354	228,720	.....	.....	.....	.....	.....	.....	.....
Toledo, Peoria and Warsaw:</													

NATIONAL AND STATE SECURITIES.

Amounts outstanding.				Interest.				Amounts outstanding.				Interest.			
	Rate.	Payable.	WHEN PAY-ABLE.	Rate.	Payable.	WHEN PAY-ABLE.		Rate.	Payable.	WHEN PAY-ABLE.	Rate.	Payable.	WHEN PAY-ABLE.		
National Securities, July 1, 1896.								Massachusetts—(\$23,485,304):							
Loan of June 14, 1885.....registered		\$200,000	5 Jan. & July. 1874				Lunatic Hospital Loan, 1874.....		650,000	5 Jan. & July. 1894					
Loan of February 8, 1891.....registered		12,795,000	6 Jan. & July. 1890				Harbor Land Improvement bonds, 1874		400,000	5 Jan. & July. 1894					
.....coupon		4,620,000	6 Jan. & July. 1890				Back Bay Land bonds, 1861 and 1862.....		220,000	5 May & Nov. 1890					
Oregon War Bonds of March 2, 1861.....coupon		945,000	6 Jan. & July. 1881				Union Defense Loan, 1861.....		1,850,000	6 Jan. & July. 1877					
Loan of July 17, and Aug. 5, 1861.....registered		126,049,500	6 Jan. & July. 1881				Union Defense Loan, 1862.....		50,000	5 June and Dec. 1877					
.....coupon		98,271,500	6 Jan. & July. 1881				Coast Defense Loan, 1863.....		888,900	5 Jan. and July. 1883					
Loan of Feb. 25, 1862 (5-20s).....registered			6 May & Nov. 1882				Bounty Fund Loan, 1863 and 1864.....		5,380,244	5 Jan. & July. 1894					
.....coupon			6 May & Nov. 1882				War Fund Loan, 1869.....		999,944	5 Jan. & July. 1899					
Loan of March 3, 1868.....registered		53,708,960	6 Jan. & July. 1881				Troy & Greenfield R.R. & Tunnel Loan		10,971,992	5 Various. 1889					
.....coupon		71,593,060	6 Jan. & July. 1881				B. H. & Erie R. R. Loan.....		3,599,020	5 Jan. & July. 1900					
Loan of March 3, 1864 (5-20s).....registered			6 May & Nov. 1884				Michigan—(\$1,064,000):								
Loan of June 30, 1864 (5-20s).....registered			6 May & Nov. 1884				Renewal Loan bonds, 1858.....		105,000	6 Jan. & July. 1878					
.....coupon			6 May & Nov. 1884				Two Million Loan bonds, 1863.....		1,052,000	6 Jan. & July. 1883					
Loan of March 3, 1866 (5-20s).....registered		54,362,160	6 May & Nov. 1885				War Bounty Loan bonds, 1865.....		366,000	7 May & Nov. 1890					
.....coupon		116,598,500	6 May & Nov. 1885				Minnesota—(\$2,755,000):								
2d series (5-20s).....registered		60,390,800	6 Jan. & July. 1885				State Buildings Loan, 1867 to 1869.....		250,000	7 Jan. & July. 1877					
.....coupon		142,372,200	6 Jan. & July. 1885				State Buildings Loan, 1873 coupon.....		230,000	7 Jan. & July. 1883					
3d series (5-20s).....registered		92,665,640	6 Jan. & July. 1887				Railroad Aid bonds, 1858, (repudiated).....		2,275,000	7 Jan. & July. 1887					
.....coupon		218,167,000	6 Jan. & July. 1887				Missouri—(\$17,839,000):								
4th series (5-20s).....registered		14,913,600	6 Jan. & July. 1888				State Debt Proper, 1865 and 1868.....		439,000	6 Jan. & July. 1881					
.....coupon		22,860,980	6 Jan. & July. 1888				Consolidation bonds, 1863.....		2,727,000	6 Jan. & July. 1888					
Loan of March 3, 1864, (10-40s).....registered		141,808,100	5 Mar. & Sept. 1904				Funding Bonds, 1871.....		1,100,000	6 Jan. & July. 1895					
.....coupon		52,764,200	5 Mar. & Sept. 1904				Railroad Aid bonds, 1863-66.....		15,868,000	6 Jan. & July. 1897					
Consols of July 14, '70 & Jan. 20, '71.....registered		219,342,650	5 F. M. A. & N. 1881				State Institution bonds, 1872 to 1874.....		505,000	6 Jan. & July. 1892					
.....coupon		296,869,500	5 F. M. A. & N. 1881				Nevada—(\$160,000):								
Debt matured and without interest.....(var.)		3,902,420	Due.....				Bonds funding floating debt, 1871.....		160,000	10 Mar. & Sept. 1881					
Navy Pension Fund of July 23, 1868.....(var.)		14,000,000	Irred.....				New Hampshire—(\$3,724,100):								
Certificates of Indebtedness 1870.....(var.)		64,023,612	4 Jan. & July. 1879				War Loan Bonds, of 1861.....		418,000	6 Jan. & July. 1879					
Pacific R. R. Bonds (registered).....(currency)		64,023,612	6 Jan. & July. 1879				War Loan Bonds, of 1864.....		600,000	6 Mar. & Sept. 1889					
United States Notes.....(currency)		302,612,284	6 Jan. & July. 1879				State bonds, 1873.....		500,000	6 Jan. & July. 1890					
Fractional Currency.....		64,446,696	6 Jan. & July. 1879				Equalization (Municipal) bonds, 1872.....		2,206,100	6 Jan. & July. 1890					
State Securities, latest dates.								New Jersey—(\$2,496,300):							
Alabama—(\$21,470,810):								New York—(\$29,776,787):							
Bonds (old), extended.....		2,582,800	5 May & Nov. 1892				War Loan (tax free) bonds, 1861.....		1,000,000	6 Jan. & July. 1876					
Bonds (new), 1866, '68 '73 and '75.....		2,212,700	8 Jan. & July. 1893				War Loan (tax free) bonds, 1863.....		900,900	6 Jan. & July. 1889					
Bonds (new), 1874.....		341,000	8 Jan. & July. 1893				War Loan bonds, 1864.....		593,400	6 Jan. & July. 1892					
R. R. Loans (\$2,300,000) & endorsements.....		15,061,000	8 Jan. & July. 1893				North Carolina—(\$28,419,045):								
Arkansas—(\$12,733,086):								Ohio—(\$7,968,205):							
Bonds (Funding), 1869 and 1870.....		3,050,000	6 Jan. & July. 1899				Bounty Loan bonds, coupon.....		1,057,000	7 Jan. & July. 1877					
Levee bonds (warrants), 1871.....		1,400,000	7 Jan. & July. 1899				Bounty Loan bonds, registered.....		13,856,000	7 Jan. & July. 1877					
Deficiency Bonds, 1872.....		300,000	7 Jan. & July. 1899				State (Deficiency) Stock, '38, part at will.....		889,781	5 J. A. J. & O. 1878					
Bonds (for \$2,600,000), 1878.....			7 Jan. & July. 1899				Canal Stock (old).....		880,000	6 June & Dec. 1877					
Railroad Aid bonds, 1869 and 1870.....		5,900,000	7 April & Oct. 1900				Canal Stock, 1872.....		1,562,200	6 Jan. & July. 1887					
California—(\$3,296,600):								Pennsylvania—(\$24,568,636):							
Civil (S. F.) bonds, 1867 and 1869.....		75,500	7 Jan. & July. 1880				Canal Stock, 1873.....		847,500	6 Jan. & July. 1883					
Relief Fund bonds, 1863.....		95,500	7 Jan. & July. 1880				Canal Stock, 1873.....		4,302,600	6 Jan. & July. 1891					
State Capital bonds, 1870 to 1872.....		600,000	7 Jan. & July. 1880				Canal Stock, 1874.....		2,000,000	6 April & Oct. 1892					
Funding bonds, 1873.....		2,801,000	7 Jan. & July. 1880				Rhode Island—(\$2,638,000):								
Connecticut—(\$6,014,000):								South Carolina—(\$14,537,295):							
War Loan bonds (10-20 yrs), 1861.....		508,900	6 Jan. & July. 1881				State House Stock, 1866 to 1861.....		944,918	6 Jan. & July. 1877					
War Loan bonds (20 yrs), 1863 and '64.....		2,195,500	6 Jan. & July. 1881				State House bonds, 1863 and 1864.....		287,000	6 Jan. & July. 1882					
War Loan bonds (10-30 yrs), 1864.....		568,600	6 Jan. & July. 1881				Blue Ridge R. R. bonds, 1864.....		887,000	6 Jan. & July. 1877					
War Loan bonds (20 yrs), tax free, 1890.....		1,741,100	6 Jan. & July. 1881				Funding Stock and bonds, 1866.....		884,113	6 Jan. & July. 1877					
Delaware—(\$1,521,000):								Tennessee—(\$47,185,617):							
State bonds to railroads, etc.....		1,231,000	6 Jan. & July. 1886				Funding and Conversion bonds, 1868-69.....		3,764,850	6 J. A. J. & O. 1882					
District of Columbia—(\$12,790,000):								Texas—(\$4,522,073):							
Improvement (gold) bonds, 1872.....		4,000,000	6 Jan. & July. 1892				State Bonds.....		125,000	6 Jan. & July. 1877					
Improvement (cur.) bonds, 1873.....		790,000	6 Jan. & July. 1893				State Bonds.....		75,000	6 Jan. & July. 1882					
Funding bonds, 1874, (guar. by U. S.).....		10,994,500	145 Feb. & Aug. 1924				Frontier Defense (gold) bonds.....		697,000	7 Jan. & July. 1892					
Florida—(\$6,431,767):								Virginia—(\$50,556,403):							
State bonds, 1871.....		350,000	7 Jan. & July. 1891				Coupon (old) bonds, 1861 to 1861.....		7,562,662	6 Jan. & July. 1866					
Consolidated (gold) bonds of 1878.....		609,200	7 Jan. & July. 1903				Registered (old) bonds, 1861 to 1861.....		7,000,000	6 Jan. & July. 1866					
Loan (J. F. & M. R. R.) gold bonds, 1870.....		4,000,000	8 Jan. & July. 1890				Coupon (new) bonds, 1866 and 1867.....		20,359,005	6 Jan. & July. 1866					
Georgia—(\$19,825,900):								Washington—(\$1,000,000):							
Bonds to Atlantic and Gulf R. R.....		1,000,000	6 Feb. & Aug. 1878				Registered (new) bonds, 1866 and 1867.....		2,442,784	6 Jan. & July. 1866					
Bonds, act. March 12, 1866.....		3,600,000	7 Jan. & July. 1886				Consol. (coup. not receivable for taxes) 1871.....		15,399,870	6 Jan. & July. 1866					
Bonds (gold), act. Sept. 1870.....		2,008,000	7 Jan. & July. 1890				Consol. (coup. not receivable for taxes) 1873.....			6 Jan. & July. 1866					
Bonds (gold), act. Oct. 1870.....		1,880,000	7 April & Oct. 1890				Deferred (W. Va.) certificates, 1872.....			6 Jan. & July. 1866					
Bonds (funding), 1878.....		1,200,000	8 Jan. & July. 1878				West Virginia—(\$11,000,000):								
Bonds to Brunswick & Albany R. R., '70		1,500,000	7 June & Dec. 1890				War Loan bonds, 1862.....		312,000	6 June & Dec. 1875					
Railroad aid bonds (endorsed), 1870 & '71		7,546,900	var Various. 1900-91				War Loan bonds, 1863 and 1864.....		1,619,000	6 Various. 1882-94					
Illinois—(\$1,699,045):								Wisconsin—(\$1,000,000):							
Interest bonds, 1847.....		940,445	6 Jan. & July. 1878				State House Stock, 1866 to 1861.....		944,918	6 Jan. & July. 1877					
Refunded Stock bonds, 1880.....		320,000	6 Jan. & July. 1880				State House bonds, 1863 and 1864.....		287,000	6 Jan. & July. 1882					
Chicago Relief bonds, 1871.....		250,000	6 May & Nov. 1881				Blue Ridge R. R. bonds, 1864.....		887,000	6 Jan. & July. 1877					
Indiana—(\$910,000):								Wyoming—(\$11,000,000):							
Temporary Loan bonds, 1873.....		910,000	7 April & Oct. 1878				Funding Stock and bonds, 1866.....		884,113	6 Jan. & July. 1877					
Iowa—(\$643,000):								Yukon—(\$1,000,000):							
War and Defense bonds, 1861.....		300,000	7 Jan. & July. 1881				Funding and Conversion bonds, 1868-69.....		3,764,850	6 J. A. J. & O. 1882					
Funding & c. bonds 1863 to 1864.....		101,175	6 Jan. & July. 1863				Land Commission bonds, 1869 and 1870.....		261,000	6 Jan. & July. 1889					
Bonds (various) 1866 to 1869.....		689,000	7 Jan. & July. 1869				Fire Loan Stock of 1833.....		292,641	6 J. A. J. & O. 1883					
Military loan bonds, 1864 to 1869.....		846,000	7 Jan. & July. 1869				Relief (Treasury) bonds, 1860.....		616,000	7 Jan. & July. 1883					
Louisiana—(\$21,099,100):								Zion—(\$1,000,000):							
Treasury Relief bonds, 1865.....		735,000	6 Jan. & July. 1893				Consolidated bonds, 1873, reg. and coup.....		1,391,084	var Various. 1893					
Levee bonds, 1866.....		1,000,000	6 Jan. & July. 1893				Railroad bond endorsements.....		4,707,008	var Various. 1893					
Levee bonds, 1867.....		3,992,000	6 May & Nov. 1897				Tennessee—(\$47,185,617):								
Levee bonds, 1870.....		2,966,000	6 Mar. & Sept. 1876				State Bonds (direct).....		2,641,000	6 April & Oct. 30 yrs 1861					
Funding (coupon) bonds, 1868.....		722,100	6 Jan. & July. 1868				Railroad, &c., Loan bonds.....		28,530,000	6 Jan. & July. 30 yrs 1861					
Funded (floating debt) bonds, 1870.....		2,821,000	6 Jan. & Nov. 1910				Funding bonds, 1866 and 1868.....		7,141,000	6 Jan. & July. 1866					
Penitentiary bonds, 1869.....		497,000	7 Mar. & Sept. 1909				Funding bonds, 1873, coupon and reg.....		6,222,000	6 Jan. & July. 1914					
Mex. & Mex. Gulf Ship Canal bonds, '69		359,000	7 Mar. & Sept. 1869				Texas—(\$4,522,073):								
Railroad Loan (var.) bonds.....		2,335,000	6 Various. 1872-90				State Bonds.....		125,000	6 Jan. & July. 1877					
Railroad Loan (var.) bonds, 1869 to 1871.....		4,760,000	6 Various. 1869-71				State Bonds.....		75,000	6 Jan. & July. 1882					
Consolidated Funding bonds, 1874.....		961,984	7 Jan. & July. 1914				Frontier Defense (gold) bonds.....		697,000	7 Jan. & July. 1892					
Maine—(\$1,000,000):								Virginia—(\$50,556,403):							
Civil (var.) bonds, 1867 to 1861.....		171,000	6 Various. 1867-78				Coupon (old) bonds, 1861 to 1861.....		7,562,662	6 Jan. & July. 1866					
War and Bounty bonds, 1868 and 1864.....		3,822,500	6 Various. 1868-70				Registered (old) bonds, 1861 to 1861.....		7,000,000	6 Jan. & July. 1866					
Equalization (Municipal) bonds, 1868.....		8,082,000	6 April & Oct. 1869				Coupon (new) bonds, 1866 and 1867.....		20,359,005	6 Jan. & July. 1866					

Asterick (*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Adirondack:	\$40,000	7	Jan. & July.	New York.	1886	....	Blue Ridge (S. Car.):	\$400,000	7	Jan. & July.	Charleston.	1888	....
1st Mortgage:							1st Mort. guar. by State (gold):						
Alabama and Chattanooga:	5,200,000	8	Jan. & July.	New York.	1889	....	Boston and Albany:	5,000,000	7	Feb. and Aug.	Boston.	1910	115
1st Mortgage, guar. by Ala.:	2,678,000	8	"	"	1889	....	Currency bonds of Feb. 1, 1872:						
2d Mortgage:	1,200,000	7	"	"	1889	....	Boston, Clinton and Fitchburg:	400,000	6	Jan. & July.	Boston.	1884	61
Receiver's Bonds:	1,200,000	7	"	"	1889	....	1st Mortgage (Agricultural Br.):	248,000	7	"	"	1880	92
Alabama and Georgia:	16,000pm	8	Jan. & July.	New York.	1891	....	1st Mortgage (Equalization):	252,000	7	"	"	1890	92
1st Mortgage, guar. by Ala. & Ga.:							1st Mortgage (Consolidation):	350,000	8	Apr. and Oct.	"	1881	80
Alabama Central:	1,600,000	8	Jan. & July.	New York.	1901	....	Equipment Mortgage:	543,000	6	Jan. and July.	Boston.	1889	92
1st Mortgage:							Boston, Concord and Montreal:	965,000	7	Apr. and Oct.	Boston.	1893	103
Albany and Susquehanna:	1,000,000	7	Jan. & July.	New York.	1888	113	Sinking Fund Mortgage:	344,500	6	"	"	1889	....
1st Mortgage:	2,000,000	7	Apr. & Oct.	"	1885	108	Consol. Mortgage for \$2,000,000:						
2d Mortgage:	424,000	7	May & Nov.	"	1881	100	Boston, Hartford and Erie:	278,000	7	Mar. and Sept.	Boston.	1884	....
3d Mortgage:	933,000	6	"	"	1895	....	1st Mortgage (old):	15,000,000	7	Jan. and July.	New York.	1900	19
Albany Loan:							1st Mortgage (Berdell):	5,000,000	7	"	"	1900	26
Alexandria and Fredericksburg:	1,000,000	7	June & Dec.	Philadelphia.	1896	....	1st Mortgage, guar. by Erie:	3,000,000	7	"	"	1899	....
1st Mortgage:							Mass. L. sec'd by \$4,000,000 Ber.:						
Allegheny Valley:	3,967,000	7.5	Jan. & July.	New York.	1896	100	Boston and Lowell:	300,000	6	Apr. and Oct.	Boston.	1879	101
General Mortgage:	3,500,000	7	January.	Harrisburg.	1900	97	Bonds (Wharf Purchase):	992,300	7	"	"	1892	109
Special Mortgage to Penn.:	9,938,000	7	Apr. & Oct.	Phil. or Lond.	1900	47	Bonds of 1872 for \$1,000,000:						
1st M. & E. Ext., guar. by Pa. R.R.:	6,402,900	7	"	Pittsburg.	1894	104	Boston and Maine:	3,280,500	7	Jan. and July.	Boston.	1906-94	110
Funding Income (traffic guar.):							Bonds of 1893 (coup. and reg.):						
American Central:	645,000	7	Jan. & July.	New York.	1878	104	Boston and New York Air Line:	500,000	7	Feb. and Aug.	New York.	1896	109
1st Mort. guar. by C. B. & Q.:							1st mortgage:						
Androscoggin:	425,000	6	Jan. & July.	Bath, Me.	1891	....	Boston and Providence:	500,000	7	Jan. and July.	Boston.	1896	109
1st Mortgage (Bath Loan):							Bonds to purchase P. W. & B. R. d.:						
Arkansas Central (narrow gauge):	1,200,000	7	Jan. & July.	Lond. or Ama.	1891	....	Brunswick and Albany:	3,430,000	6	Apr. and Oct.	New York.	1905	....
1st Mortgage:							1st Mort. (gold) end. by Ga. tax fr.:	2,350,000	7	"	"	1893	....
Ashabula, Youngstown & Pitts.:	1,500,000	7	Apr. & Oct.	New York.	1901	....	2d Mort. sinking fund gold:						
2d Mortgage, Income:	400,000	7	Jan. and July.	Pittsburgh.	1904	....	Buffalo, Bradford and Pittsburg:	580,000	7	Jan. & July.	New York.	1896	....
Atchison and Nebraska:	3,750,000	8	March & Sept.	Boston.	1896	....	General Mortgage:						
1st Mortgage:							Buffalo, Corry and Pittsburg:						
Atchison, Topeka and Santa Fe:	7,041,000	7	Jan. & July.	New York.	1899	83	1st Mortgage:	700,000	7	Jan. and July.	New York.	1896	....
1st Mortgage (gold):	3,374,500	7	Apr. & Oct.	Boston.	1900	77	Buffalo and Erie:						
Land Grant Mortgage (gold):	412,900	7	Jan. & July.	"	1902	....	Mort. bonds (ass'd by L&MS):	200,000	7	Jan. and July.	New York.	1882	....
1st Mort. (Wichita Br.) traf. guar.	2,074,000	7	"	"	1903	49	Mort. bonds (" "):	300,000	7	March & Sept.	"	1886	....
Consol. mort. gold (Oct. 1, '76):	976,000	7	Apr. & Oct.	N. Y. or Bos.	1903	....	Mort. bonds (" "):	3,000,000	7	Apr. and Oct.	"	1896	105
Consol. Second Mort. (gold):	475,000	12	Jan. & July.	Boston.	1902	102	Buffalo and Jamestown:						
Land Income bonds:							1st Mortgage:	1,000,000	6	"	New York.	1902	....
Atlanta and Richmond Air Line:	4,245,000	8	Jan. & July.	New York.	1900	60	Buffalo, New York and Erie:	2,000,000	7	June & Dec.	New York.	1877	98
1st Mortgage (guar. by Georgia):							1st Mortgage (assumed by Erie):						
Atlantic and Great Western:	14,922,200	7	Jan. & July.	N. Y. or Lond.	1902	....	Buffalo, New York & Phila.:	2,296,000	6	Jan. & July.	New York.	1896	....
1st Mortgage (gold):	10,173,879	7	March & Sept.	"	1902	....	1st Mortgage:	281,500	10	"	"	1893	....
2d Mortgage (gold):	28,753,000	7	May & Nov.	"	1902	....	2d Mortgage for \$1,000,000:						
Atlantic and Gulf:	2,310,200	7	Jan. & July.	New York.	1887	....	Burlington, Cedar Rapids & Minn.:	5,490,000	7	May & Nov.	N. Y. & Lond.	1919	47
Consolidated 1st Mortgage:	464,000	7	May & Nov.	"	1888	....	1st Mortgage, atg., skg. fund:	2,200,000	7	Feb. and Aug.	"	1902	....
2d Mortgage (S. Ga. & Fla. R.R.):	200,000	7	"	"	1889	....	1st Mort. (gold) Mil. Div.:						
Atlantic and Lake Erie:							Burlington and Missouri River:	4,000,250	7	Apr. & Oct.	N. Y. & Bos.	1896	109
1st Mortgage (guar. for \$5,000,000):							Land and R. R. Mortgage:	322,500	8	Jan. & July.	Boston.	1878	....
Atlantic, Miss. and Ohio (425 m.):	5,470,000	7	Apr. & Oct.	New York.	1901	....	Stock (common) Bonds:	308,000	8	Apr. & Oct.	N. Y. & Bos.	1879	105
2d Mort. to State (no int. till '80):	4,000,000	7	"	"	1901	....	Stock (common) Bonds:	308,500	8	Jan. & July.	"	1894	106
Atlantic and Pacific:	2,829,000	6	Jan. & July.	New York.	1888	....	Stock (common) Bonds:	409,500	8	"	"	1888	....
Land Mortgage gold bonds:	2,015,500	6	May & Nov.	"	1891	....	Burlington and Mo. Riv. in Neb.:	5,715,000	8	Jan. & July.	N. Y. & Bos.	1894	102
2d Mortgage for \$3,000,000 (gold):	1,188,500	6	Jan. & July.	"	1888	61	Bonds convertible until 1887:	600,000	8	"	Boston.	1883	90
1st Mort. (So. Pac. R.R. assumed):	1,190,000	6	May & Nov.	"	1891	....	Burlington and Southwestern:	1,800,000	8	May & Nov.	Boston.	1891	....
1st Mort. (Central Div.) gold:	794,000	6	"	"	1901	....	1st Mortgage (\$20,000 per mile):						
Equipment Bonds:	733,000	10	June & Dec.	"	1883	....	Cairo and Fulton (Arkansas):	8,000,000	7	Jan. & July.	New York.	1891	....
Income Bonds (for funding):	629,600	6	"	"	1883	....	1st Mort. (R.R. and lands) S.F.:						
Land Debentures:	500,000	10	J. A. J. & O.	"	1884	....	Cairo and St. Louis (3 ft. gauge):	2,500,000	7	Apr. & Oct.	New York.	1901	....
Atlantic and St. Lawrence:	484,000	6	May & Nov.	L. n	1878	....	1st Mortgage:	3,500,000	7	Apr. & Oct.	N. Y. & Lond.	1909	....
Sterling bonds (not Mort.) of 1853:	1,500,000	6	Apr. & Oct.	"	1884	....	2d Mortgage:	1,500,000	7	Jan. & July.	"	1898	....
2d Mortgage (sterling) of 1864:	713,000	6	May & Nov.	"	1891	....	California Pacific:	2,250,000	7	Jan. & July.	New York.	1889	....
3d Mortgage (sterling) of 1871:	787,000	6	"	Portland.	1886	....	Extension, or 2d Mortgage:	3,500,000	7	"	"	1888	....
Portland City Bonds, 1st M., s. f.:							First Income b'nds:	1,000,000	10	"	"	....
Bald Eagle Valley:	854,000	6	Jan. & July.	Philadelphia.	1881	....	2d Income, or double track b'ds:	1,000,000	6	"	"	....
1st Mortgage:	100,000	7	"	"	1884	....	Gamden and Amboy:	1,700,000	6	Feb. & Aug.	Philadelphia.	1883	104
2d Mortgage:							Loan of 1883:	866,000	6	June & Dec.	Princeton.	1889	101
Baltimore and Ohio:	579,500	6	Jan. & July.	Baltimore.	1880	101	Loan of 1889:	5,000,000	6	May & Nov.	Philadelphia.	1889	105
Loan of 1860-80:	1,710,000	6	Apr. & Oct.	"	1885	104	Mortgage Loan of 1889:	1,266,080	6	Feb. & Aug.	London.	1890	....
Loan of 1863-95:	3,253,026	6	Jan. & July.	"	1890	....	Sterling Loan, S. F. (\$262,000):						
Loan of 1866-90 (Balt.) skg. fd.:	3,338,956	6	March & Sept.	London.	1895	....	Gamden and Atlantic:						
Loan of 1870-96 (etc.) skg. fund:	9,198,852	6	"	"	1902	....	1st Mortgage:	480,000	7	Jan. & July.	Philadelphia.	1888	105
Loan of 1872-1902 (etc.) S. F.:	9,576,000	6	May & Nov.	"	1910	....	2d Mortgage:	400,000	7	Apr. & Oct.	"	1879	104
Loan of 1874-1910 (etc.) S. F.:							Gamden and Burlington County:	850,000	6	Feb. & Aug.	Philadelphia.	1897	96
Baltimore and Potomac:	1,500,000	6	Jan. & July.	Baltimore.	1911	....	Consolidated 1st Mortgage:						
1st Mort. (Tunnel) gold guar.:	3,000,000	6	Apr. & Oct.	"	1911	....	Canada Southern:	9,000,000	7	Jan. & July.	New York.	1908	67
1st Mortgage (R. R.) gold guar.:							1st Mort. (skg. fd.) d for \$9,000,000:						
Bangor and Piscataquis:	600,000	6	Apr. & Oct.	Boston.	1899	....	Cape Girardeau and State Lane:	1,000,000	7	Jan. & July.	"	1891	....
1st Mort. (Bangor loan) extens'n:	120,000	7	"	"	1901	....	1st Mortgage (gold):						
Bay City and East Saginaw:	100,000	10	Jan. & July.	Detroit.	1886	....	Cape May and Millville:	400,000	7	Apr. & Oct.	Camden.	....	95
1st Mort. guar. by F. & P. Mrg. Co.:							2d Mort. guar. by W. Jersey R.R.:						
Bedford and Bridgeport:	1,000,000	7	Apr. & Oct.	Philadelphia.	1892	....	Carbondale and Shawneetown:	200,000	7	Jan. & July.	"	1902	....
1st Mortgage:							1st Mortgage:						
Belfast and Moosehead Lake:	150,000	6	May & Nov.	Portland.	1890	....	Carolina Central:	3,000,000	6	Jan. & July.	New York.	1923	75
1st Mortgage (gold):							1st Mortgage:	3,000,000	7	Apr. & Oct.	"	1914	....
Bellefonte and Snow Shoe:	99,000	6	"	Philadelphia.	1883	....	2d Mortgage-Income Bonds:						
1st Mortgage:							Carthage and Burlington:	472,500	8	May & Nov.	New York.	1879	107
Belleville and Southern Illinois:	453,000	7	Jan. & July.	New York.	1890	....	1st Mort. guar. by C. B. and Q.:						
1st Mort. ass'd by C. C. O. & L.:							Ontawisaw:	280,500	7	Feb. & Aug.	Philadelphia.	1882	....
Belleville and Southern Illinois:	1,100,000	8	Apr. & Oct.	New York.	1896	90	1st Mortgage (old):	1,500,000	7	"	"	1900	106
1st Mort. guar. by St. L. A. & T. H.:							1st Mortgage (new):	209,850	8	May and Nov.	"	1900-30	....
Beitot and Madison (C. & N. W.):	284,000	7	Jan. & July.	New York.	1888	....	Chattel Mortgage:						
1st Mortgage (guaranteed):							Cayuga Lake:	800,000	7	June and Dec.	New York.	1891	98
Belvidere Delaware:	1,000,000	6	June & Dec.	New York.	1877	102	1st Mortgage:						
1st Mortgage (guar. by C. &):	499,500	6	March & Sept.	Philadelphia.	1885	99	Cazenovia and Canastota:	250,000	7	Feb. & Aug.	New York.	1890	....
2d Mortgage (" "):	745,000	6	Feb. & Aug.	"	1887	100	1st Mortgage, gold:						
3d Mortgage (Penn. R. R. Co.:							Cedar Falls and Minnesota:	198,000	7	Apr. & Oct.	New York.	1894	87
Bingham Canyon & Camp Floyd:	240,000	8	Jan. & July.	1903	1st Mort. (C. F. to Waverly):	1,354,000	7	Jan. & July.	"	1897
1st Mortgage:							1st Mort. (W. to Minn. Line):						

AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.		Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	
			When.	Where.							When.	Where.			
Cedar Rapids & Mo. Riv. (C. & N.W.)	\$							Chicago, Iowa and Nebraska:	\$						
1st Mortgage, 1st Div. \$10,000pm	300,000	7	Feb. & Aug.	New York.	1891	....		2d Mort. (now 1st) guar. C. & N.W.	568,240	7	Jan. & July.	Boston.	1890	....
1st Mortgage 2d Div. \$10,000p.m.	582,000	7	"	"	1894	94		2d Mort. (now 2d) guar. C. & N.W.	211,500	7	Feb. & Aug.	New York.	1892	....
1st Mortgage 3d Div. \$16,000 p. m.	2,400,000	7	May & Nov.	"	1916	94		Chicago and Milwaukee Railway:							
Central Branch Union Pacific:								1st Mort., guar. by C. and N.W.	1,700,000	7	Jan. & July.	New York.	1898	104	
1st Mort. (Atch. & Pike's Peak).	1,600,000	6	May & Nov.	New York.	1895	....		Chicago and Mich. Lake Shore:							
2d Mortgage Governm't security.	1,600,000	6	Jan. & July.	"	1895	....		1st Mortgage.....	477,000	8	March & Sept.	Boston.	1889	....
Central of Georgia:								1st Mortgage.....	2,500,000	8	Jan. & July.	"	1890	....
General Mort. for \$5,000,000.....	2,287,000	7	Jan. & July.	N.Y. & Savan.	1893	....		1st Mortgage.....	1,350,000	8	May & Nov.	"	1891	....
Macon & West. (Atlanta D.) b'ds	150,000	7	April & Oct.	Savannah.	1880	....		1st Mortgage (on Branch).....	1,325,000	8	March & Sept.	"	1892	....
Central of Iowa:								Chicago, Milwaukee and St. Paul:							
1st Mortgage, gold, \$16,000 p.m.	3,700,000	7	Jan. & July.	New York.	1890	....		1st Mort. (Mil. and St. Paul R'y)	5,000,000	7	Jan. & July.	New York.	1893	101	
2d Mortgage, gold, \$4,000 p. m.	925,000	7	April & Oct.	"	1901	....		2d Mort. (")	1,911,000	7	April & Oct.	"	1884	98	
Central of L. L. (Flush. N.C. & C.)								1st Mort. (Chic. and Mil. Div.)	2,500,000	7	Jan. & July.	"	1903	97	
1st Mortgage.....	1,275,000	7	May & Nov.	New York.	1889	....		1st Mort. (East. Div. Palmer.)	647,000	8	May & Nov.	"	1874	....
Central of New Jersey:								1st Mort. (Iowa and Minn. Div.)	3,810,000	7	Jan. & July.	"	1897	94	
Convertible bonds of 1872.....	4,475,000	7	May & Nov.	New York.	1902	97		1st Mort. (Minnesota Central.)	190,000	7	"	"	1894	....
1st Mort. (New) for \$5,000,000.....	5,000,000	7	Feb. & Aug.	"	1890	114		1st Mort. (St. Paul Division.)	4,000,000	7	"	"	1902	100	
Newark Branch Bonds.....	600,000	7	Jan. & July.	"	1887	....		1st Mort. (Iowa and Dak. Div.)	887,000	7	"	"	1899	93	
Loan of Loh. C. & Nav. Co. (now'd)	2,310,000	6	"	Phila. J. & O.	1897	....		1st Mort. (Prairie du Chien Div.)	3,614,000	8	Feb. & Aug.	"	1898	116	
Consol. Mort. for \$25,000,000.....	16,000,000	7	"	New York.	1899	101		2d Mort. (")	1,315,000	7	"	"	1895	101	
Central Ohio (B. and O.)								1st Mort. (Hast. and Dak. Div.)	467,000	7	Jan. & July.	"	1902	89	
1st Mortgage guaranteed.....	2,500,000	6	March & Sept.	Baltimore.	1890	100		1st Mort. (Mil. and Western).....	234,000	7	Jan. & July.	"	1891	....
Central Pacific of California:								Real Estate Purchase.....	148,500	7	"	"	1883	....
1st Mort. 20 years bonds, gold.....	25,791,000	6	Jan. & July.	New York.	76-99	107		Equipment and Bridge Bonds...	245,000	10	June & Dec.	"	1883	....
Convertible 20 years bonds, gold.....	1,453,000	7	"	"	1883	103		Consol. Mort. for \$35,000,000....	2,154,000	7	Jan. & July.	"	1906	90	
State Aid Bonds (Int. by State) gold.....	1,500,000	7	"	Sacramento.	1884	112		Chicago and Northwestern:							
2d Mort. (Governm't Subsidy).....	25,885,000	6	"	U.S. Treasury.	76-99	99		Preferred sinking fund (193 m.)	1,238,700	7	Feb. & Aug.	New York.	1885	109	
1st Mort. (Western Pacific) gold.....	2,735,000	6	"	New York.	1899	99		General 1st Mortgage (193 m.)	3,578,000	7	May & Nov.	"	1885	106	
1st Mort. (Calif. & Oregon) gold.....	7,291,000	6	"	"	1888	91		Funded coupons (193 m.).....	740,300	7	Feb. & Aug.	"	1883	104	
1st Mort. (S. Fr., Okla. & Ala.).....	500,000	8	"	"	1890	....		Appleton Ext. (23 m. & 75,000 ac.)	145,000	7	"	"	1885	90	
1st Mort. (San Joaquin V.D.) gold.....	4,090,000	6	April & Oct.	"	1900	92		Green Bay Ext. (26m & 75,000 a.)	265,000	7	"	"	1885	90	
Land Bonds (Cen. Pac. Co.) gold.....	9,049,000	6	"	"	1900	94		1st Mort. (Gal. & Chi. U.) 248 m.	1,692,000	7	"	"	1882	167	
Central Vermont:								Elgin and State Line.....	122,000	6	Jan. & July.	"	1878	....
1st Mort. Consol. (Vt. Central).	3,000,000	7	May & Nov.	Boston.	1886	11		Mississippi River Bridge.....	186,000	7	"	"	1884	....
2d Mort. Consol. (")	1,500,000	7	June & Dec.	"	1891	4		1st Mortgage (Peninsula).....	328,000	7	March & Sept.	"	1898	101	
1st Mort. (Stan., Sherr. and Ch.)	1,000,000	7	Jan. & July.	"	1887	55		Consol. skg fund (C. & N.W. R'y)	4,277,000	7	F. M. A. & N.	"	1915	104	
Income and Extension Bonds.....	1,008,000	6	May & Nov.	"	1902	60		General Consol. Gold Bonds.....	9,768,000	7	June & Dec.	"	1902	94	
Equipment Mort. (Vt. Central).	1,000,000	8	"	"	76-77	60		1st Mort. S. F. (Madison Exten.)	3,150,000	7	April & Oct.	"	1911	....
Equipment Mort. (")	1,000,000	8	"	"	1889	60		1st Mort. S. F. (Menominee Ext.)	2,700,000	7	June & Dec.	"	1895	....
Bonds, guar. (Vt. and Canada)	1,000,000	6	Jan. & July.	"	1891	00		2d Mort. (Mil. & Chi. R. R.) guar.	2,000	7	"	"	1898	....
Mississippi R.R. (")	500,000	7	"	"	1891	39		1st Mort. (Chic. & Mil. R. W.) guar	1,700,000	7	Jan. & July.	"	1898	104	
Cent. Vt. (Vt. & C. Mort.) b'ds	3,000,000	6	March & Sept.	"	1904	....		1st Mort. (Bel. & Mad. R.R.) guar	284,000	7	"	"	1888	....
Charleston and Savannah:								Chicago, Portage and Superior:							
1st Mortgage guar. by State.....	505,000	6	March & Sept.	Charleston.	1877	....		1st M. & L. (Chl. & N. Pac. Air-L.)	25,000pm	7	June & Dec.	New York.	1902	....
Funded Interest on 1st Mort.....	157,400	7	"	"	1889	....		Chicago, Omaha and St. Joseph:							
Charlotte, Columbia & Augusta:								1st Mortgage for \$5,000,000.....	.....	8	April & Oct.	New York.	1901	....
1st Mortgage.....	2,000,000	7	Jan. & July.	New York.	1895	....		Chicago and Paducah (C. B. & Q.)							
Chattanooga:								1st Mortgage \$25,000 p. m. gold..	2,304,000	7	Jan. & July.	Boston.	1903	....
1st Mort., guar. by Penna.....	500,000	7	April & Oct.	Philadelphia.	1901	....		Chl., Pekin & Southwestern (C. B. & Q.)							
Oberaw and Darlington:								1st Mortgage for \$10,000 per mile	700,000	8	Feb. & Aug.	New York.	1901	....
1st Mortgage dated Jan. 1, 1871.	141,000	8	April & Oct.	Charleston.	1888	....		Chicago, Rock Island and Pacific:							
2d Mortgage dated Jan. 1, 1869.	75,000	7	Jan. & July.	"	1888	....		1st Mortgage skg. fund.....	9,000,000	7	Jan. & July.	New York.	1896	108	
Cherry Valley, Sharon and Alb.								Chl. & Southwestern (C. R. I. & Pac.)							
1st Mort. con. guar. by A. & S. Co.	300,000	7	June & Dec.	New York.	1899	....		1st Mort. gold, tax free, guar.....	5,000,000	7	May & Nov.	New York.	1889	....
Chesapeake and Ohio:								1st Mortgage gold (Atchison Br.)	1,000,000	7	June & Dec.	"	1901	....
1st M. (gold) skg fd for \$15,000,000.	15,000,000	6	May & Nov.	New York.	1899	28		Chicago, Wisconsin & Canada:							
1st Mort. Extension (con. or reg)	5,425,000	7	Jan. & July.	"	1902	....		1st Mort. gold, skg fd for \$10,000	.....	7	Jan. & July.	New York.	1902	....
1st Mort. (Va. Cen.) guar. by Va.	100,000	6	"	"	1880	....		1st Mortgage (Mad. & Portage) d	600,000	7	April & Oct.	New York.	1900	....
2d Mort. (") coupon.....	902,000	8	"	"	1884	....		1st Mortgage (gold) for \$5,000,000	.....	7	Jan. & July.	"	1902	....
Income (") coupon.....	300,000	8	"	"	1878	....		Chillicothe and Brunswick:							
Funded Interest, coupon.....	190,500	8	"	"	1877	....		1st Mort., guar. by St. L., K. C. & N.	500,000	8	Jan. & July.	New York.	1894	....
Cheshire:								Cincinnati, and Baltimore:							
Coupon bonds (no Mort.).....	773,800	6	Jan. & July.	Boston.	77-80	90		1st Mort. guar. by B. & O. & M. & C.	322,000	7	Jan. & July.	Baltimore.	1900	100	
Chester Creek (Phil. & Balt. Cent.)								Cincinnati, Hamilton and Dayton:							
1st Mort., guar. by P. W. & B.	155,000	6	Jan. & July.	Philadelphia.	1903	....		1st Mortgage of 1863.....	1,250,000	7	May & Nov.	New York.	1880	....
Chester and Tamaqua:								2d Mortgage of 1869.....	500,000	7	Jan. & July.	"	1885	....
1st Mortgage.....	600,000	7	May & Nov.	New York.	1901	....		3d Mortgage of 1867.....	500,000	8	June & Dec.	"	1877	....
Chicago and Alton:								Cincinnati, Ham. & Ind. (C. H. & D.)							
1st Mortgage, pref. sinking fund.	75,000	7	May & Nov.	New York.	1877	107		1st Mort. guar. for \$2,500,000....	1,846,000	7	Jan. and July.	New York.	1903	....
1st Mortgage.....	2,400,000	7	Jan. & July.	"	1893	117		Cincinnati, Lafayette and Chi.							
2d Mortgage Income.....	1,100,000	7	April & Oct.	"	1883	103		1st Mortgage.....	1,120,000	7	March & Sept.	New York.	1901	84	
Consol. Bonds (\$200 stg. each)	3,882,200	6	Jan. & July.	London.	1903	....		Consolidated Mortgage.....	471,000	7	June & Dec.	"	1914	....
1st Mort. (St. L. & C.) assumed	544,000	7	April & Oct.	New York.	1894	103		Cincinnati and Martinsville:							
2d Mort. (")	188,000	7	Jan. & July.	"	1898	....		1st Mort., guar. by I. C. & L. F.	400,000	7	Feb. & Aug.	New York.	1905	....
1st Mort. (")	4,300,000	7	Feb. & Aug.	"	1900	92		Cincinnati & Muskingum Valley:							
Chicago, Burlington and Quincy:								1st Mortgage.....	1,500,000	7					

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Cleveland and Pittsburg (Pa. Co.):							Detroit & Bay City (Mich. Cent.):						
Construction and Equip. bonds.	600,000	7	Jan. and July	New York.	1913	...	1st Mort. (\$424,000 guar.)	2,380,000	8	May and Nov.	New York.	1902	94
4th (now 3d) Mortgage guar.	1,000,000	6	"	"	1892	103	Detroit, Eel River and Illinois:						
Consol. sinking fund guar.	1,487,000	7	May & Nov.	"	1906	110	1st Mortgage for \$22,000 p.m.	1,820,000	8	Jan. & July.	New York.	1891	...
Clev., Painesville & Ashtabula:							Detroit, Hillsdale and Indiana:						
Regist'd b'ds (ass'd by L&M.S.)	1,000,000	7	Jan. & July.	New York.	1890	103	1st Mort. \$16,000 p. m. guar.	1,170,000	8	June & Dec.	New York.	1890	...
3d Mortgage (")	1,000,000	7	April & Oct.	"	1892	105	2d Mortgage, (coupon) guar.	900,000	8	Jan. & July.	"	1881	...
Cleveland and Toledo:							Detroit, Lansing and Lake Mich.:						
1st Mort., a.f. (ass'd by L&M.S.)	1,595,000	7	Jan. & July.	New York.	1885	103	1st Mortgage	3,219,000	8	April & Oct.	Boston.	1896	...
2d Mortgage (")	960,000	7	April & Oct.	"	1886	103	1st Mortgage (on Branches)	575,000	8	June & Dec.	"	1897	...
Colebrookdale:							2d Mortgage	1,359,000	8	Feb. & Aug.	"	1895	44
1st Mort. guar. by Ph. and Rdg.	584,700	6	June & Dec.	Philadelphia.	1899	...	1st Mort. (Gonia and Lansing)	770,000	8	Jan. & July.	New York.	1889	...
Colorado Central (3 ft. gauge):							2d Mort. (")	61,000	8	May & Nov.	"	1889	...
1st Mortgage	225,000	8	June & Dec.	Boston.	1890	...	Detroit & Milwaukee (Gt. W. of Ga.):						
Columbus, Chicago & Ind. Cent.:							1st Mortgage, (D. & M.R.R.)	2,500,000	7	May & Nov.	New York.	1875	...
1st Mortgage Consol. skg fund.	15,344,750	7	April & Oct.	New York.	1908	46	2d Mortgage (")	1,000,000	8	"	"	1875	...
2d Mortgage skg fund.	5,597,400	7	Feb. & Aug.	"	1900	12	1st Funded Comp. (D. & M.R.R.)	625,924	7	Jan. & July.	"	1875	...
Income convertible.	3,300,000	7	"	"	1890	...	2d Funded Comp. (")	276,734	7	May & Nov.	"	1875	...
1st Mort. (Chic. and Gt. Eastern)	461,000	7	April & Oct.	"	93-96	65	1st Mort. (Det. & Pontiac R.R.)	160,000	7	April & Oct.	"	1878	...
2d Mort. (")	344,000	7	Jan. & July.	"	1890	...	2d Mort. (")	100,000	7	Jan. & July.	"	1878	...
1st Mort. (Chic. and Chi. Air-L.)	194,100	7	Feb. & Aug.	"	1890	...	3d Mort. (")	250,000	8	Feb. & Aug.	"	1886	...
1st M., a.f. (")	39,650	7	May & Nov.	"	1896	...	Bonds of Sept. 1, 1886	110,000	7	March & Sept.	"	1886	...
1st Mort. (Col. and Ind. Cent.)	2,632,000	7	Jan. & July.	"	1904	...	1702,317	6 1/2	Jan. & July.	"	1886	...	
2d Mort. (")	821,000	10	May & Nov.	"	1904	...	Detroit, Mon. & Tol. (L. Sh. & M.S.):						
1st M. (Col. & Ind.) 1st & 2d pref.	309,500	7	Jan. & July	"	1883	...	1st Mortgage	924,000	7	Feb. & Aug.	New York.	1876	103
2d Mortgage (Ind. Cent.)	686,500	7	Jan. & July	"	1882	...	Dixon, Peoria and Hannibal:						
1st Mort. (Tol., Logansport & Bur.)	554,500	7	Feb. & Aug.	"	1884	...	1st Mort. guar. by C., B. and Q.	763,000	8	Jan. & July.	New York.	1889	101
Income (")	74,024	7	"	"	1905	...	Dubuque and Sioux City:						
1st Mort. (Union & Logansport)	815,000	7	April & Oct.	"	1905	...	1st Mortgage tax free	682,000	7	Jan. & July.	New York.	1883	103
Columbus, Springfield and Cin.:							Dubuque Southwestern:						
1st M. (assumed by Cin., S. & C.)	1,000,000	7	March & Sept.	New York.	1901	...	1st Mortgage	450,000	7	April & Oct.	New York.	1883	...
Columbus and Hooking Valley:							1st Mortgage, preferred	78,580	7	Jan. & July.	"	1883	...
1st Mortgage skg fund.	1,500,000	7	April & Oct.	New York.	1897	...	Dunkirk, Allegheny Val. & Pittsb.:						
1st M. on Branch (2d on main)	200,000	7	Jan. & July.	"	1880	...	1st Mortgage (gold)	1,200,000	7	June & Dec.	New York.	1900	...
General Mortgage	634,000	7	"	"	1892	...	Dutchess and Columbia:						
Columbus and Xenia:							1st Mortgage Jan. 1, 1893	1,500,000	7	Jan. & July.	New York.	1905	...
1st Mortgage, guar. by L.M.R.R.	302,000	7	March & Sept.	New York.	1890	...	East Alabama and Cincinnati:						
Connecticut and Passumpsic Riv.:							1st Mort. endorsed by Alabama	400,000	8	Jan. & July.	"	1890	...
New Mortgage for \$1,500,000	670,500	7	April & Oct.	Boston.	1893	95	East Brandywine & Waynesboro:						
1st Mortgage sinking fund	299,500	6	June & Dec.	"	1876	99	1st Mortgage guar. by Pa. R.R.	140,000	7	Jan. & July.	Philadelphia.	1885	...
Coupon Notes	607,500	7	"	"	76-81	97	East Pennsylvania (Ph. & Rdg.):						
1st Mort (Massachusetts) guar. gold	400,000	6	Jan. & July.	"	1876	96	1st Mortgage, guaranteed	405,900	7	March & Sept.	Philadelphia.	1888	105
Connecticut River:							East Tennessee, Virginia & Ga.:						
1st Mortgage skg fund	250,000	6	March & Sept.	Boston.	1875	...	1st Mort. skg fund for \$3,500,000	2,900,000	7	Jan. & July.	New York.	1900	92
Connecticut Valley:							2d Mortgage	100,000	4	"	"	82-87	...
1st Mortgage	1,000,000	7	Jan. & July.	New York.	1901	...	Endorsed Bonds (East T. & Va.)	147,000	6	May & Nov.	"	1884	...
Connecticut Western:							Endorsed Bonds (East T. & Ga.)	92,000	6	Jan. and July.	"	1886	...
1st Mortgage tax free	2,674,000	7	Jan. & July.	N. Y. & Bos.	1900	...	Company Bonds (E.T. & Ga., old)	635,000	6	"	"	80-85	...
Connecting (Philadelphia):							Company Bonds (" new)	135,400	6	"	"	1876	...
1st Mort. ABCD & E \$200,000 each	991,000	6	March & Sept.	Philadelphia.	1,234	102	Eastern (Mass.):						
Cooperstown and Susq. Valley:							1st Mort. (Essex R.R.) assumed	194,400	6	Jan. & July.	Boston.	1878	61
1st Mortgage	100,000	7	March & Sept.	New York.	1889	...	Loan of 1885	160,000	6	April & Oct.	"	1884	...
Cowanesque Valley:							Loan of 1887	956,000	7	March & Sept.	"	1887	53
1st Mortgage, gold	95,000	7	Jan. & July.	New York.	1902	...	Loan of 1888	1,000,000	6	March & Sept.	"	88-89	...
2d Mortgage	100,000	7	May & Nov.	"	1882	...	Loan of 1889	500,000	6	May & Nov.	"	1889	...
Cumberd & Penn. (Consol. Coal):							Ten year coupon notes	1,163,900	7	"	"	1882	51
1st Mortgage	803,500	6	March & Sept.	New York.	1891	...	Ten year coupon notes	2,513,500	7	"	"	83-84	51
2d Mortgage, sinking fund	648,000	6	May & Nov.	"	1885	...	Sinking Fund Bonds	2,300,000	7	May & Nov.	"	784	61
Cumberland Valley:							Sterling Sink. Rd. Bonds	2,375,048	6	March & Sept.	London.	1893	...
1st Mortgage	161,000	8	April & Oct.	Philadelphia.	1904	...	Eastern Shore (Md.):						
2d Mortgage	109,500	8	"	"	1903	...	1st Mortgage	400,000	6	Jan. & July.	Philadelphia.	1890	...
Plain bonds	81,800	6	"	"	1884	...	2d Mortgage	200,000	6	April & Oct.	"	1888	...
Danbury and Norwalk:							Elizabethtown and Paducah:						
Mortgage Bonds of 1870	100,000	7	Jan. & July.	New York.	1880	...	1st Mortgage, convertible	3,000,000	8	March & Sept.	New York.	1890	...
Mortgage Bonds of 1870	200,000	7	"	"	1890	...	Elmira and Williamsport (N. Cen.):						
Mortgage Bonds of 1872	200,000	7	"	"	1892	...	1st Mortgage guaranteed	1,000,000	7	Jan. & July.	Philadelphia.	1880	170
Danv., Hazleton & Wilkesbarre:							Income Mortgage guaranteed	570,000	5	April & Oct.	"	2802	61
1st Mortgage	1,400,000	7	April & Oct.	Philadelphia.	1887	40	Erie Railway:						
2d Mortgage	200,000	7	"	"	1885	...	1st Mortgage, extended	2,483,000	7	May & Nov.	New York.	1897	104
Danv., Urb., Bloom'gton & Pekin:							2d Mortgage	2,174,000	7	March & Sept.	"	1879	103
1st Mortgage	2,000,000	7	April & Oct.	New York.	1909	...	3d Mortgage	4,852,000	7	"	"	1883	103
Davenport and St. Paul:							4th Mortgage convertible	2,937,000	7	April & Oct.	"	1890	104
1st Mort. gold skg fd \$20,000 p.m.	3,000,000	7	April & Oct.	New York.	1911	...	5th Mortgage convertible	709,500	7	June and Dec.	"	1888	105
Dayton and Michigan (C.H. & D.):							Buffalo Branch, 1st mortgage	182,800	7	Jan. & July.	"	1891	...
1st Mortgage sinking fund guar.	1,855,000	7	Jan. & July.	New York.	1881	...	Sterling loan (\$1,000,000) conv.	4,580,000	6	March & Sept.	London.	1875	...
2d Mortgage, guar.	441,000	7	March & Sept.	"	1884	...	1st Consol. Mort. for \$30,000,000	12,078,000	7	"	NY & London.	1920	...
3d Mortgage, guar.	356,000	7	April & Oct.	"	1888	...	2d Consol. Mort. for \$40,000,000	14,400,000	7	June and Dec.	London.	1894	...
Toledo Depot bonds guar.	105,500	7	March & Sept.	"	86-84	...	Convertible bonds	10,000,000	7	J. A. J. and O.	London.	1903	...
Dayton and Union:							Erie and Pittsburg (Penn.):						
1st Mortgage, registered	140,000	7	March & Sept.	New York.	1879	...	1st Mortgage	292,200	7	Jan. & July.	New York.	1892	...
2d Mortgage	136,000	7	June & Dec.	"	1879	...	2d Mortgage	92,800	7	April & Oct.	"	1890	...
Income Bonds	282,445	6	"	"	1879	...	Consolidated Mortgage	2,192,000	7	Jan. & July.	"	1898	...
Dayton and Western (L. M. R.R.):							Equipment Mortgage	750,000	7	April & Oct.	"	1890	...
1st Mortgage (assumed)	142,000	7	March & Sept.	New York.	1881	...	European & N. American (Me.):						
1st Mortgage (")	495,000	8 1/2	Jan. & July.	"	1906	...	Bangor City Bonds (1st m. 55 m.)	1,000,000	6	Jan. & July.	N.Y. & Lond.	1894	...
Decatur, Sullivan and Mattoon:							1st L.M. (& 1st on 55, & 2d on 55m)	2,000,000	6	March & Sept.	"	1890	...
1st Mortgage	500,000	8	March & Sept.	New York.	1901	...	New Mortgage for \$6,000,000						
Delaware (P. W. and Balt.):							Evansville and Crawfordsville:						

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Florida:							Huntingdon and Broad Top Mt.:						
1st Mortgage conv. gold	2,300,000	7	Jan. & July.	N. Y. & Lond.	1889	....	1st Mortgage gold	416,000	7	April & Oct.	Philadelphia	1890	107
Flushing, North Side and Central:							2d Mortgage	287,500	7	Feb. & Aug.	"	1875	106
1st Mort. (Flushing and N. Side.)	1,825,000	7	May & Nov.	New York.	1901	....	Consolidated Mortgage	1,378,000	7	April & Oct.	"	1895	63
1st Mort. (Central of F. I.)	1,275,000	7	"	"	1889	....	Illinois Central:						
1st Mort. (Cent. R. & E. Extension)	200,000	7	May and Nov.	"	1903	....	Redemption bonds, currency	2,500,000	6	April & Oct.	New York.	1890	....
1st Mort. (North Shore)	135,000	7	Feb. & Aug.	"	1887	....	General Mortgage for \$15,000,000	2,500,000	6	"	London.	1893	....
Sterling Loan	1,500,000	6	"	London.	....	....	Mutual Bonds, Sinking Fund	4,792,000	5	"	"	1903	....
Fonds, Johnstone & Gloversville:							Illinois Grand Trunk (C.B. & Q.)						
1st Mortgage	300,000	7	Jan. & July.	New York.	1890	....	1st Mortgage guaranteed	932,000	8	April & Oct.	Boston.	1890	110
Port Wayne, Jackson & Saginaw:							Indiana and Illinois Central:						
1st Mortgage, traffic guarantee	1,800,000	8	Jan. & July.	New York.	1889	....	1st Mortgage gold	3,500,000	7	Jan. & July.	New York.	1901	....
2d Mortgage (Equipment)	500,000	8	April & Oct.	"	1881	....	Indiana North and South:						
Port Wayne, Muncie & Cin.:							1st Mort. (Nor. Div.) \$22,000 p.m.	1,700,000	7	March & Sept.	New York.	1903	....
1st Mortgage	1,800,000	7	April & Oct.	Boston.	1890	....	Indianapolis, Bloomington & West:						
2d Mortgage	500,000	8	"	"	1893	....	1st Mortgage gold	5,000,000	7	April & Oct.	New York.	1909	30
Framingham and Lowell:							1st Mortgage Extension gold	5,500,000	7	Jan. & July.	"	1912	....
1st Mortgage	500,000	7	April & Oct.	Boston.	1890	90	2d Mortgage	1,500,000	8	"	"	1890	6
2d Mortgage	150,000	8	"	"	1883	89	Indianapolis and Madison:						
Frederick and Pennsylvania Line:							1st Mort. assumed by J.M. & I.	397,000	7	May & Nov.	New York.	1881	....
1st Mortgage gold	150,000	6	April & Oct.	Baltimore.	1901	....	Indianapolis & Vincennes:						
Fremont, Elkhorn & Mo. (S.O. & P.):							1st Mortgage guar. by Pa. Co.	1,700,000	7	Feb. & Aug.	New York.	1908	76
1st Mortgage	690,000	7	April & Oct.	.....	1901	....	2d Mortgage guar. by Pa. Co.	1,450,000	6	May & Nov.	"	1900	....
Galena & Chic. Union (C. & N. W.):							International and Gt. Northern:						
1st Mortgage	1,092,000	7	Feb. & Aug.	New York.	1882	107	1st Mortgage & I. (Intern. R. R.)	3,040,000	7	April & Oct.	New York.	1911	70
2d Mortgage	45,000	7	May & Nov.	"	1876	102	Convertible B'ds	1,473,000	8	Feb. & Aug.	"	1892	....
Galv., Harrisburg & San Antonio:							1st Mortgage (Hous. & Gt. N. R.R.)	4,211,000	7	Jan. & July.	"	1900	65
1st Mortgage	1,700,000	6	Feb. & Aug.	Lond. or Bost.	1910	....	Convert. B'ds	1,677,000	8	Feb. & Aug.	"	1892	....
Galveson, Houston & Henderson:							Indianapolis, Cin. and Lafayette:						
1st Mortgage	1,495,000	7	Jan. & July.	New York.	1890	82	1st Mortgage of 1867	2,800,000	7	Feb. & Aug.	New York.	1899	....
Geneva, La. and Athens:							1st Mortgage of 1869	2,000,000	7	June & Dec.	"	1897	....
1st Mortgage, 50 kg. fd., guar.	500,090	7	Jan. and July.	New York.	1890	....	Funded Interest Bonds, coupon	469,100	7	March & Sept.	"	75-98	....
Georgia (and Banking):							Equipment Bonds, registered	376,000	10	"	"	1883	80
Company bonds (debentures)	584,500	7	Jan. & July.	Augusta	75-90	....	1st Mort. (Ind'polis & Cin.) 1858	1,600,000	7	April & Oct.	"	1888	....
Ulmam, Clinton & Springfield:							1st Mort. (Cin. & Indiana)	499,000	7	June & Dec.	"	1892	....
1st Mortgage gold	2,000,000	7	March & Sept.	N.Y. & Lond.	1900	....	2d Mort. " " guar.	1,497,000	7	Jan. & July.	"	77-82	....
2d Mortgage gold	1,000,000	6	Jan. & July.	"	1892	....	Indianapolis and St. Louis:						
Goshen and Deekertown (Erie):							1st Mortgage	2,000,000	7	Jan. & July.	New York.	1919	....
1st Mortgage	240,500	7	Jan. & July.	New York.	1888	....	1st Mortgage	2,000,000	7	March & Sept.	"	1919	....
Grand Rapids & Indiana:							2d Mortgage	1,000,000	7	April & Oct.	"	1919	....
1st Mortgage L. G. guar. gold	4,000,000	7	Jan. & July.	New York.	1899	....	Equipment Mortgage	378,000	10	Jan. & July.	"	1900	....
1st Mort. L. G. not guar. gold	3,224,000	7	April & Oct.	"	1899	....	Ionis and Lansing (D., L. & L.M.):						
Grand River Valley (Mich. C.):							1st Mortgage traffic guar.	770,000	8	Jan. & July.	New York.	1890	....
1st Mort., assumed by Lessees	1,000,000	8	Jan. & July.	New York.	1880	94	2d Mortgage	81,000	8	May & Nov.	"	1886	....
2d Mortgage, guar. by Lessees	500,000	8	March & Sept.	"	1879	85	Iowa Falls and Sioux City:						
Grand Trunk (Can.):							1st Mortgage	2,980,000	7	April & Oct.	New York.	1917	....
Equipment Bonds \$500,000	2,500,000	6	April & Oct.	London.	1877	....	Iowa Midland (C. & N. W.):						
Equip'mt Bonds No. 2 \$500,000	2,500,000	6	Jan. & July.	"	1920	....	1st Mort., \$18,000 p.m., guar.	1,350,000	8	April & Oct.	New York.	1900	97
Postal & Military B'ds \$1,200,000	4,000,000	6	Feb. & Aug.	"	Perp.	....	Irontront (Penn.):						
1st Preference Bonds \$3,218,149	10,090,745	6	Jan. & July.	"	Irred.	....	1st Mortgage	100,000	7	May & Nov.	Philadelphia.	1875	....
2d Preference Bonds \$2,327,808	11,639,040	6	"	"	"	....	1st Mortgage gold, skg fund	600,000	7	Jan. & July.	New York.	1890	102
3d Preference Bonds \$7,163,910	35,519,550	6	"	"	"	....	Jackson, Lansing & Saginaw (MC):						
Provincial Debenture \$3,111,500	15,567,000	6	"	Ottawa.	....	....	1st Mortgage guar.	1,317,000	8	Jan. & July.	New York.	1885	93
Great Western of Canada							1st Mort. (Northern Ext.) guar.	810,000	8	May & Nov.	"	1890	85
Mortgage Bonds \$127,000	635,000	6	Jan. & July.	London.	1876	....	2d Mortgage guar.	188,000	8	March & Sept.	"	1878	....
Mortgage Bonds \$547,000	2,735,000	6	April & Oct.	"	77-78	....	Consolidated Mortgage (236 m.)	1,968,000	8	"	"	1891	79
New Bonds \$1,000,000	5,000,000	6	June & Dec.	"	1890	....	Jacksonville, North West & S. East:						
Debenture Bonds \$1,743,160	8,715,800	5	Jan. & July.	"	Perp.	....	1st Mortgage	610,000	7	Jan. & July.	New York.	1902	....
Great Western Railway of 1859							Jacksonville, Pensac. and Mobile:						
1st Mort., ass'd by T. W. & W.	2,500,000	7	Feb. & Aug.	New York.	1888	91	1st Mortgage	472,000	7	Jan. & July.	New York.	1880	....
2d Mort.	2,500,000	7	May & Nov.	"	1898	68	2d Mortgage	3,000,000	8	"	"	1899	....
Green Bay and Minnesota:							Jameson & Frank (L.S. & M. So.):						
1st Mortgage	2,400,000	7	Feb. & Aug.	.....	1900	....	1st Mortgage guaranteed	443,000	7	Jan. & July.	New York.	1897	....
Greenville and Columbia:							2d Mortgage guaranteed	500,000	7	June & Dec.	"	1894	....
1st Mortgage guar. by S. Car.	1,426,546	7	Jan. & July.	Columbia.	81-86	....	1st Mort. (Hawley Section)	204,000	7	Jan. & July.	New York.	1887	....
1st Mortgage not guaranteed	376,766	7	"	"	81-86	....	2d Mort. "	84,000	7	"	"	1889	....
Greenwich and Johnsonville:							1st Mort. (Carbondale Section)	2,000,000	7	"	"	1849	....
1st Mortgage	185,000	7	May & Nov.	New York.	1889	....	Jeffersonville, Madison & Indian:						
Gulf Western Texas and Pacific:							1st Mortgage consol.	2,474,000	7	April & Oct.	New York.	1906	....
1st Mortgage (Construction)	1,386,000	7	Jan. & July.	.....	1902	....	2d Mortgage consol.	2,000,000	7	Jan. & July.	"	1910	....
Hannibal and Naples (T. W. & W.):							1st Mortgage (Ind. & Mad.) guar.	397,000	7	May & Nov.	"	1881	....
1st Mortgage	675,000	7	May & Nov.	New York.	1896	36	Jersey City and Albany:						
2d Mortgage	325,000	7	Jan. & July.	"	1890	....	1st Mortgage	250,000	7	Jan. & July.	New York.	1912	....
Hannibal & Cent. Mo. (T. W. & W.)							1st Mortgage (Ridgefield Park)	300,000	7	May & N	"	1912	....
1st Mortgage, tax free	1,000,000	7	May & Nov.	New York.	1890	85	Islet and Chicago (C. & Alton):						
2d Mortgage	250,000	7	"	"	1892	75	1st Mortgage skg fund guar.	236,000	8	Jan. & July.	New York.	1882	110
Hannibal and St. Joseph:							unction, Philadelphia:						
Missouri State Loan	1,500,000	6	Jan. & July.	New York.	77-94	....	1st Mortgage guaranteed	500,000	6	Jan. & July.	Philadelphia	1882	100
Missouri State Loan	1,500,000	6	"	"	87-88	100	2d Mortgage not guaranteed	300,000	6	April & Oct.	"	1900	....
Fifteen years' bonds (277 m.)	3,798,000	8	March & Sept.	"	1885	81	unction and Breakwater:						
1st Mort. (Q. & Palm R.R. 16 m.)	500,000	8	Feb. & Aug.	"	1892	....	1st Mort. guar. by Delaware	352,000	6	Jan. & July.	New York.	1890	....
1st Mort. (K. City & Cam. R.R. 55 m.)	1,300,000	10	Jan. & July.	"	1886	92	Kalamazoo, Allegan & Gr. Rapids:						
General Land Mortgage (277 m.)	642,000	7	April & Oct.	"	1888	105	1st Mort., assumed by L.S. & M. So.	840,000	8	Jan. & July.	New York.	1888	95
Harlem Extension:							Kalamazoo, & S. H. ven (M. Cen.):						
1st Mortgage	4,000,000	7	Jan. & July.	New York.	1890	....	1st Mortgage guar. by lessees	710,000	8	May & Nov.	New York.	1889	....
Harrisburg & Lancaster:							2d Mortgage	70,000	8	"	"	1889	....
1st Mortgage, guar. by Pa. R. R.	700,000	6	Jan. & July.	Philadelphia.	1883	100	Kalamazoo & White Pigeon:						
Hartford, Providence and Fishkill:							1st Mort., assumed by L.S. & M. S.	400,000	7	Jan. & July.	New York.	1890	86
1st Mort. (R. L. 26.33 m.) skg fund	481,000	7	Jan. & July.	Providence.	1876	....	Kansas City and Cameron:						
1st Mort. (Conn. 96.04 m.) skg f.d.	1,574,500	7	"	Hartford.	1876	....	1st Mort., ass'd by Han. & St. Jo.	1,200,000	10	Jan. & July.	New York.	1886	92
Holly, Wayne & Monroe (F. & P.M.)							Kan. City, St. Jo. & Coun. Bluffs:						
1st Mortgage guar. tax free	1,000,000	8	Jan. & July.	New York.	1901	....	1st Mort. (C. B. & St. Jo. 52 m.)	500,000	7	Jan. and July.	N. Y. & Bost.	1880	....
Holyoke and Westfield:							2d Mort. " " " "	150,000	7	"	"	1875	....
1st Mortgage	300,000	7	April & Oct.	Boston.	1891	....	1st Mort. (St. Jo. & CR. 75 m.) cony.	1,400,000	10	March & Sept.	"	1892	....
Houston:							1st Mort. (Mo. Valley 130 m.)	1,500,000	7	Feb. & Aug.	New York.	1893	....
1st Mortgage sinking fund	191,000	7	Jan. & July.	Brpt. & Bost.	1877	....	1st Mort. " " " " " "	1,000,000	7	"	"	1890	....
2d Mortgage	100,000	7	Feb. & Aug.	New York.	1885	....	Consolidated Mort. (280 m.) cony.	887,000	7	March & Sept.	"	1890	....
3d Mortgage of 1869	100,000	6	April & Oct.	Brpt. & Bost.	1889	....	New Consol. Mort. for \$9,000,000	947,000	8	Feb. & Aug.	Boston.	....
Equipment Bonds	180,000	7	"	Bridgport.	1883	....	Kansas City & Santa Fe (L. & G.)						
Newton and Texas Central:							1st Mortgage for \$2,000,000	720,000	10	May & Nov.	Boston.	1890	....
1st Mortgage L.G. skg fund gold	7,479,000	7	Jan. & July.	New York.	1911	....						
1st Mortgage (Western Div.)	2,500,000	7	"	"	1903	....						
Consolidated Mortgage	2,700,000	8	April & Oct.	"	1912	....						
Anderson River (N.Y. Con. & R.R.):													
1st Mortgage sinking fund	1,000,000	7	June & Dec.	New York.	1885	110							

An Asterick (*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Kansas Pacific:							Louisville, Cin. and Lexington:						
1st Mort. (1st Div. 140 m.) gold.	2,240,000	6	Feb. & Aug.	N. Y. & St. L.	1895	....	Bonds to State of Kentucky.....	74,519	6	Jan. & July.	New York.	1897	Perp.
1st Mort. (2d Div. 253.94 m.) gold	4,063,000	6	June & Dec.	"	1896	....	1st Mortgage for Cincinnati Br.	3,000,000	7	"	"	1897	....
1st M. (3d Div. 244.66m. & 3,000,000a)	6,411,000	7	May & Nov.	N. Y. L. & F.	1899	....	2d Mortgage for \$1,000,000.....	878,000	6	April & Oct.	"	1890	....
1st Mort. (1,000,000 acres).....	187,000	7	March & Sept.	N. Y. & St. L.	71-76	....	Louisville Loan.....	100,000	6	Jan. & July.	"	1891	....
1st Mort. (2,000,000 acres) gold.....	1,722,280	7	Jan. & July.	N. Y. L. & F.	1880	....	1st Mort. (Louisville & Frankl.)	39,000	6	"	"	75-78	....
2d Mort. " " " " " " " " " " " "	1,500,000	7	March & Sept.	"	1886	....	1st Mort. (Louis., Cin. and Lex.)	21,000	8	April & Oct.	"	1892	....
1st Mort. (Leavenworth Branch)	600,000	7	May & Nov.	N. Y. & St. L.	1896	....	1st Mortgage (Shelby R. R.).....	68,500	8	June & Dec.	"	1891	....
2d Mortgage (Gov't Subsidy).....	6,303,000	6	Jan. & July.	U. S. Treas.	96-97	....	Louisville and Nashville:						
3d Mortgage (Income).....	4,276,350	7	March & Sept.	N. Y. L. & F.	1916	....	1st Mortgage (main line 185 m.)	178,000	7	Jan. & July.	New York.	1876	....
Kent County (Del.)							1st Mortgage (Memp Br. 44.37m.)	47,000	7	May & Nov.	Louisville.	1876	....
1st Mortgage for \$600,000.....	400,000	6	Jan. & July.	Philadelphia.	1880	....	1st Mort. (Leb. Br. Ext. 73.2m.)	88,000	7	"	"	76-78	....
Kentucky Central:							1st Mort. (Memph. and Ohio).....	3,600,000	7	June & Dec.	New York.	1901	....
2d Mort. (Covington & Lexington)	844,000	7	March & Sept.	New York.	1883	....	1st Mort. (Memp. & Clarksv. Br.)	2,425,000	6	Feb. & Aug.	"	1902	....
3d Mortgage.....	237,000	7	June & Dec.	"	1886	....	Consol. M. for \$5,000,000 (392 m.)	6,964,000	7	April & Oct.	"	1902	....
Keokuk and Des Moines:							Louisville Loan.....	849,000	6	"	"	76-77	....
1st Mortgage.....	1,947,000	7	April & Oct.	New York.	1904	....	Louisville Loan (Lebanon Br.)	225,500	6	May & Nov.	"	1896	....
Funded Interest.....	254,900	8	"	"	1884	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Keokuk and St. Paul (C.B. & Q.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage traffic guar.....	864,000	8	April & Oct.	Boston.	1879	105	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
La Crosse, Trempealeau & Prescott:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. assumed by C. & N. W.	1,000,000	10	April & Oct.	New York.	1877	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
La. Blooming & Miss. (T.W. & W.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold guar.....	1,300,000	7	Feb. & Aug.	New York.	1891	70	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
La. Maurice & Bloom. (T.W. & W.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold guar.....	1,500,000	7	Feb. & Aug.	New York.	1901	40	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Erie and Louisville:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage.....	1,092,000	7	April & Oct.	New York.	1892	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mortgage.....	590,000	7	Jan. & July.	"	1903	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Ontario Shore							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage (\$20,000 pr. m.).....	1,438,200	7	Jan. & July.	New York.	1897	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Shore & Michigan South m.							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Sinking Fund Mortgage.....	1,198,000	7	April & Oct.	New York.	1879	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Consol. Mort. S. F. Reg'd. d. s.	6,118,000	7	J. A. J. & O.	"	1900	106 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Consol. Mort. S. F. Coupon.....	8,471,000	7	Jan. & July.	"	1900	107 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Consol. Mort. for \$25,000,000.	3,529,000	7	June & Dec.	"	1903	97 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Bonds of 1892 (Reg'd. & Coupon)	1,442,000	7	April & Oct.	"	1882	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Shore Dividend Bonds.....	1,000,000	7	"	"	1890	103 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Reg. Mort. (Clev., Pain. & Ash.)	1,000,000	7	Jan. & July.	"	1880	103 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
3d Mort. " " " " " " " " " " " "	1,000,000	7	April & Oct.	"	1892	106	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. (Mich. So. & Nor. Ind.)	5,256,000	7	May & Nov.	"	1885	107 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mort. " " " " " " " " " " " "	2,682,306	7	"	"	1877	102	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. (Cleveland & Toledo)	1,595,000	7	Jan. & July.	"	1885	103	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mort. " " " " " " " " " " " "	849,000	7	April & Oct.	"	1886	103 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Mort. Bonds (Buffalo and Erie)	200,000	7	Jan. & July.	"	1882	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Mort. Bonds " " " " " " " " " " " "	300,000	7	March & Sept.	"	1886	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. " " " " " " " " " " " "	2,850,000	7	April & Oct.	"	1898	105	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (Detrit, Monroe & Toledo)	924,000	7	Feb. & Aug.	"	1876	103	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (Kalam. & White Pigeon)	400,000	7	Jan. & July.	"	1890	86	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (School. & Three Rivers)	100,000	8	"	"	1887	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (Kalamaz. & Schoolcraft)	100,000	8	"	"	1887	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (Kal. Allegan & Gr. Rap.)	840,000	8	"	"	1888	97 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st M. (Jamestown & Franklin)	443,000	7	"	"	var	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d M. " " " " " " " " " " " "	500,000	7	June & Dec.	"	1894	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Shore & Tuscarawas Valley:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold.....	2,000,000	7	April & Oct.	Cleveland, O.	1901	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mortgage, for \$1,000,000.....	696,000	7	"	"	1892	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Elyria and Black Riv. b'ds ass'd	180,000	7	May & Nov.	"	1892	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lake Superior & Mississippi:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. skg fund gold tax free.	4,500,000	7	Jan. & July.	N.Y.-Bost.-Ph.	1896	20 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mort. gold tax free and conv.	8,200,000	7	April & Oct.	"	1900	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Income Bonds.....	3,900,000	10	"	"	1902	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lawrence (P. Ft. W. & Chi.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage, guaranteed.....	355,000	7	Feb. & Aug.	New York.	1896	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Leavenworth, Aleh. & N. West'n:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. guar. by Pac. of Mo.....	500,000	7	April & Oct.	New York.	1899	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Leaven, Lawrence & Galveston:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. skg fund conv. gold.....	5,000,000	10	Jan. & July.	N. Y. & Bost.	1899	21 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. (K. O. & San. Fe) guar.	720,000	10	May & Nov.	Boston.	1890	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mort. (Southern Kan.) guar.	160,000	8	June & Dec.	"	1891	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lehigh and Lackawanna:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage tax free.....	300,000	7	Feb. & Aug.	Philadelphia.	1897	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lehigh Valley							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage (new loan).....	5,000,000	6	June & Dec.	Philadelphia.	1898	106 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage " " " " " " " " " " " "	5,000,000	6	"	"	1898	108 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
2d Mortgage for \$6,000,000	6,000,000	7	March & Sept.	"	1910	113	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
General Mort. for \$40,000,000	6,000,000	6	June & Dec.	"	1923	99 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
General Mort., registered.....	5,000,000	6	"	"	1923	100 1/2	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lewish. Centre & Spruce C. (P. & E.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage.....	1,545,000	7	May & Nov.	Philadelphia.	1902	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Lexington & St. Louis (A. & F.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold.....	1,000,000	6	June & Dec.	New York.	1899	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Little Miami:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage.....	1,490,000	6	May & Nov.	New York.	1883	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Street Connection Bonds.....	528,000	6	Jan. & July.	Cincinnati.	1894	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Cincinnati Loan.....	100,000	6	May & Nov.	"	1880	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Little Rock and Fort Smith:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold.....	3,500,000	6	Jan. & July.	N. Y. & Bost.	1900	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Land Grant sinking fund.....	8,780,000	7	April & Oct.	"	1905	89	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Little Rock, Pine Bl. & N. Orleans:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage.....	750,000	7	Apr. and Oct.	New York.	1900	4	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Little Schuylkill (Phila. & Rdg.):							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage, Skg. Fd.....	759,500	7	Apr. and Oct.	Philadelphia.	1877	101	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
Logansport, Crawf. & S'wain Ind.:							Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.	1886	....
1st Mortgage gold.....	1,500,000	8	F. M. A. & N.	New York.	1900	....	Louisville Loan (Leb. Br. Ext.)	333,000	6	April & Oct.	Louisville.		

AMERICAN RAILROAD BOND LIST.

An Asterisk (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Minneapolis & St. L. (Nor. Pacific)	700,000	7*	Jan. & July.	New York.	1911	....	N.O. Jack & G.N. (N.O. St. L. & C.)	3,000,000	8	Jan. & July.	New York.	1888	....
1st Mortgage gold, guaranteed.	700,000	7*	Jan. & July.	New York.	1911	....	1st Mortgage	3,000,000	8	Jan. & July.	New York.	1888	....
Minnesota and North Western:							2d Mortgage for \$3,000,000	1,500,000	8	April & Oct.	"	1890	....
1st Mort. gold, skg fd & tax free	20,000,000	7*	Jan. & July.	Detroit.	1899	....	Consol. Mort. for \$3,000,000	3,000,000	7*	Jan. & July.	"	1912	....
Mississippi Cent. (N.O. St. L. & Chi.):							New Orleans, Mobile and Texas:						
1st Mortgage	1,012,500	7	May & Nov.	New York.	74-84	....	1st Mort. (Mobile to N. Orleans)	4,000,000	7*	Jan. & July.	N. Y. & Lond.	1915	....
2d Mortgage	2,000,000	8	Feb. & Aug.	"	1886	....	1st Mort. (N. Orleans to Texas)	2,250,000	8	"	New York.	1915	....
General Mort. for \$8,000,000 gold	2,708,500	7*	May & Nov.	"	1912	....	2d Mort. endorsed by Louisiana	2,250,000	8	"	"	1915	....
Mississippi, Ouachita & Red Riv.							New York, Boston and Montreal:						
1st Mortgage gold	2,040,000	7*	Jan. & July.	"	1900	....	1st Mortgage for \$12,250,000	6,617,500	7*	Feb. & Aug.	N.Y. or Lond.	1903	....
Mississippi and Tennessee:							New York & Canada (D. & H. O.):						
1st Mortgage	600,000	7	April & Oct.	Memphis.	1876	....	1st Mort. for \$200,000, guar.	4,000,000	6*	May & Nov.	London.	1904	....
Consolidated Mortgage	1,254,000	8	Jan. & July.	"	81-98	....	New York Central & Hudson R.:						
Tennessee State Loan	430,847	6	"	"	"	....	Debt Certificates (N. Y. Cent.)	5,936,626	6	May & Nov.	New York.	1883	166
Mississippi Valley and Western:							Bonds for debt assum'd (N.Y. C.)	1,514,000	7	Feb. & Aug.	"	1876	102
1st Mortgage \$30,000 p. m.	500,000	7	Feb. & Aug.	New York.	1902	....	Bonds for B. & N. F. stk	74,500	6	May & Nov.	"	1883	....
Missouri, Iowa and Nebraska:							Bonds for R. R. Stocks	592,000	6	"	"	1883	102
1st Mortgage gold, sinking fund.	2,000,000	7*	June & Dec.	"	1910	....	Bonds for Real Estate	162,000	6	"	"	1883	101
Missouri, Kansas and Texas:							Bonds of 1884 renewed	2,431,000	8	June & Dec.	"	1887	104
1st Mort. (U. Pac. S. Br.) skg fund	2,220,000	6*	Jan. & July.	New York.	1889	....	2d Mort. (Hudson River) B. F.	1,794,000	7	"	"	1885	110
1st Mort. (Tubo & Neosho) S. F.	262,000	7*	June & Dec.	"	1903	....	Bonds of 1871, tax free	1,950,000	7	April & Oct.	"	1891	....
Consol. Land Grant, skg fd gold	10,418,000	7*	Feb. & Aug.	"	1904	54	1st Mort., comp. for \$30,000,000	3,904,000	7	Jan. & July.	"	1903	121
Additional Consol. Mort.	2,500,000	7	"	"	1905	....	1st Mort., reg'd	9,733,333	6*	"	"	1903	116
Further Add. Consol. Mort.	600,000	7	"	"	1906	....	1st Mort. Sterling for £2,000,000	9,733,333	6*	"	London.	1903	....
Missouri River, Ft. Scott & Gulf:							New York and Harlem:						
1st Mortgage, Land Grant, S. F.	5,900,000	10	Jan. & July.	New York.	1889	55	Consolidated Mortgage of 1863	103,000	6	Feb. & Aug.	New York.	1883	....
2d Mortgage	2,000,000	10	April & Oct.	N. Y. & Bost.	1890	....	Sinking Fund Mortgage of 1881	108,899	7	Jan. & July.	"	1881	....
Noble and Girard							Consol. Mort. of 1872, coupon	6,522,000	7	May & Nov.	"	1900	119
1st Mortgage	377,500	7	Jan. & July.	Savannah.	1876	....	Consol. Mort. of 1872, reg.	1,000,000	7	"	"	1900	118
2d Mortgage	300,000	8	"	New York.	1889	....	N. York, Housatonic & Northern:						
Plant bonds	22,500	8	"	Savannah.	1887	....	1st Mortgage	249,000	7*	April & Oct.	New York.	1902	....
Mobile and Montgomery:							New York, Kingston & Syracuse:						
1st Mort., endorsed by State of Ala.	2,434,000	8*	May & Nov.	New York.	1900	....	1st Mort. for \$4,000,000	2,500,000	7*	Jan. & July.	New York.	1902	....
2d Mortgage	800,000	8	"	"	1900	....	New York, N. Haven & Hartford:						
Mobile and Ohio:							1st Mort. (Harlem & Portchester)	1,000,000	7	"	New York.	1903	....
1st Mortgage, Sterling	6,688,000	6*	May & Nov.	Mob. & Lond.	1883	....	New York and Oswego Midland:						
Interest bond	1,624,240	6*	"	"	78-83	....	1st Mortgage gold, tax free	8,000,000	7*	Jan. & July.	New York.	1894	....
Sterling Interst. bonds	785,920	6*	"	London.	1883	....	2d Mortgage convertible	2,600,000	7	May & Nov.	"	1895	....
Tennessee Substitution Bonds	1,688,000	7*	Jan. & July.	N.Y. & Lond.	1901	....	2d Mortgage non-convertible	1,500,000	7	"	"	1896	....
Special Mort. (Gainesville Br.)	85,000	8	May & Nov.	Mobile.	1877	....	3d Mort., Equipment	3,800,000	7	"	"	....	....
2d Mortgage	1,455,988	8	March	"	1877	....	1st Mort., (West. Extension)	2,425,000	7	"	"	....	....
Consol. Mort. for \$16,000,000	977,550	7*	Jan. & July.	N.Y. & Lond.	1904	....	Consolidated Mortgage	1,300,000	7	"	"	....	....
Convertible 3 per cent. bonds	977,550	8	M. J. S. & D.	New York.	....	....	New York, Providence & Boston:						
Montclair (N. Y. and O. Mid.)							1st Mortgage	76,000	6	Feb. & Aug.	New York.	1878	....
1st Mortgage gold, guar.	1,900,000	7*	March & Sept.	New York.	....	....	Improvement Bonds	100,000	7	Jan. & July.	"	1876	....
2d Mortgage	780,000	7	"	"	....	....	Extension Bonds	250,000	6	May & Nov.	"	78-81	....
Income Mortgage	988,400	7	"	"	....	....	General Mort. for \$1,000,000	337,000	7	Jan. & July.	"	1899	....
Montgomery and Erie (Erie):							Norfolk & Petersburg (A. M. & O.):						
1st Mortgage	127,000	7	May & Nov.	New York.	1888	....	1st Mortgage	306,000	8	Jan. & July.	New York.	1877	....
2d Mortgage	47,000	7	April & Oct.	"	1887	....	2d Mortgage	187,000	7	"	"	1877	....
Montgomery and Buffalo:							3d Mortgage	468,000	8	"	Norfolk.	1896	....
1st Mortgage end. by Ala. gold	1,040,000	8*	March & Sept.	New York.	1888	....	North Carolina:						
2d Mortgage not endorsed	350,000	8	June and Dec.	"	1900	....	1st Mortgage	375,000	8	May & Nov.	Co's Shops, N.C.	1878	....
Monticello and Port Jervis:							North Eastern (S. Car.):						
1st Mortgage gold, tax free	600,000	7*	J. A. J. & O.	New York.	1890	....	1st Mortgage	820,000	8	March & Sept.	Charleston.	1899	....
Morris and Essex (D. L. & W.):							2d Mortgage	228,500	8	"	"	1899	....
1st Mortgage sinking fund, guar.	5,000,000	7	May & Nov.	New York.	1914	118	North Missouri (St. L., K. C. & N.):						
2d Mortgage guar.	2,000,000	7	Feb. & Aug.	"	1891	110	1st Mortgage	3,000,000	7	Jan. & July.	New York.	1896	97
Convertible bonds	384,000	7	Jan. & July.	"	1900	103	North Pennsylvania:						
Construction bonds	673,000	7	Feb. and Aug.	"	1889	103	1st Mortgage	1,930,500	6	Jan. & July.	Philadelphia.	1885	104
Gen'l M. (1st on Boonton Br.)	4,821,000	7	April & Oct.	"	1901	105	2d Mortgage	1,500,000	7	May & Nov.	"	1896	108
Special Mortgage	1,029,000	7	"	"	1915	104	Chattel Mortgage	380,000	10	April & Oct.	"	1877	103
Consol. mort. for \$38,000,000 guar.	3,000,000	7	June & Dec.	"	1915	104	General Mortgage	436,500	7	Jan. & July.	"	1903	109
Nashville, Chattanooga & St. Louis:							North Shore (Flush., N.B. & Cent):						
1st Mort., endorsed by Tenn.	1,450,000	6	Jan. & July.	New York.	74-83	82	1st Mortgage	125,000	7	Feb. & Aug.	New York.	1887	....
2d Mort. (Govern. int Subsidy)	1,000,000	7	"	"	81-91	....	Northern Central:						
New Mortgage	4,800,000	7	"	"	1913	....	1st Mortgage, Md. State loan	1,500,000	6	J. A. J. & O.	Annapolis.	Irred.	....
Nashville and Decatur (L. & Nash.)							2d Mortgage S. F. Coupon	1,490,000	6	Jan. & July.	Baltimore.	1885	103
1st Mortgage sinking fu. no guar.	2,100,000	7	Jan. & July.	New York.	1900	89	3d Mortgage Coupon	1,126,000	6	April & Oct.	Phila. & Balt.	1900	105
2d Mortgage gold	500,000	8	April & Oct.	Nashville.	1887	....	2d Mort. (York & Cumb.) guar.	500,000	6	Jan. & July.	Baltimore.	1877	101
Naugatuck:							Income conv. coupon	1,000,000	7	April & Oct.	Harrisburg.	1880	....
1st Mortgage	103,000	7	Jan. & July.	Bridgeport.	1876	....	Income coupon	3,000,000	7	Jan. & July.	"	1922	....
Newark and New York (O. of N. J.):							Consol. Mort. coupon	2,595,000	6*	"	Baltimore.	1900	100
1st Mortgage guar.	600,000	7	Jan. & July.	New York.	1891	....	Consol. Mort. registered	205,000	6*	April & Oct.	"	1900	....
Newark, Somerset & Stratsville:							Consol. General Mort. S. F.	2,964,000	6*	Jan. & July.	Lond. & Balt.	1904	....
1st Mortgage gold	800,000	7*	May & Nov.	New York.	1889	97	Northern New Jersey (Erie):						
New Bedford:							1st Mortgage skg fd guar.	400,000	7	Jan. & July.	Jersey City.	1878	....
1st Mort. (New Bed. & Taunton)	171,500	6	Jan. & July.	Boston.	1881	98	Northern Pacific:						
New Issue for \$300,000	400,000	7	"	"	1894	105	1st Mort. on R.R. & lands gold	30,097,600	7.3	Jan. & July.	New York.	1900	14
New Haven and Derby:							2d Mort., assumed by B. and O.	140,000	6	Jan. & July.	Baltimore.	1885	97
1st Mortgage	225,000	7	Various	New Haven.	98-00	....	Northwestern Union (C. & N. W.):						
New H. Middle'n & Willman:							1st Mortgage	3,500,000	7*	"	New York.	....	....
1st Mortgage (comp. & reg.)	2,000,000	7	May & Nov.	New York.	1889	....	Norwich & Worcester (B. H. & E.):						
2d Mortgage	2,000,000	7	"	"	1881	....	1st Mort. Mass. Loan, skg. fd.	400,000	6*	Jan. & July.	Boston.	1877	....
New Haven and Northampton:							Construction Bonds	150,000	7	"	"	1877	....
1st Mortgage	1,000,000	7	Jan. & July.	N. Y. & N. H.	1899	....	Nyack and Northern:						
Convertible bonds, tax free	750,000	6	April & Oct.	"	80-82	1st Mortgage	150,000	7	Jan. & July			

AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Old Colony:							Philadelphia, Wilmington & Balt:						
Plain Bonds.....	1,000,000	6	March & Sept.	Boston.	1876	102	Mortgage Loan, convertible....	200,000	6	Jan. & July.	Phila. & Balt.	1884	104
Plain Bonds.....	32,000	6	"	"	1884	99	Loan of 1888.....	161,000	6	April & Oct.	"	1876	
Plain Bonds.....	1,450,000	7	Feb. & Aug.	"	1877	101	Loan of 1887.....	1,000,000	6	"	"	1887	101 1/2
New Bonds for \$3,000,000.....	1,602,000	7	March & Sept.	"	1894	111	Loan of 1873.....	700,000	6	"	"	1882	
Cape Cod Railroad Bonds.....	365,500	7	Feb. and Aug.	"	1881	104 1/2	Loan of 1875.....	639,000	6	"	"	1900	
Omaha and Northwestern:							Plecker Valley (Phila. & Rdg.):						
1st Mort. Land Grant, Gold.....	10,000 pm	7 1/2	Jan. & July.	New York.	1901	....	1st Mortgage, guaranteed.....	331,300	7	April & Oct.	Philadelphia.	1900	
Omaha and Southwestern:							Pittsburg, O., & St. Louis (Pa.):						
1st Mortgage \$20,000 p. m.....	1,084,000	9	June & Dec.	Boston.	1896	92 1/2	1st Mort. (Col. & Newark Div.).....	775,000	7	Jan. & July.	Philadelphia.	1890	
Orange, Alex. and Manassas—							1st Mort. (Steub. & Ind.) conv.....	3,000,000	6	Monthly.	New York.	1884	87 1/2
See Wash. C. Va. Mid. & Gt. So.							Consol. Mortgage for \$10,000,000.....	5,222,000	7	Feb. & Aug.	Philadelphia.	1890	86
Oregon and California:							Consolidated 2d Mortgage.....	5,000,000	7	April & Oct.	"	1912	
1st Mortgage gold.....	10,950,000	7 1/2	April & Oct.	New York.	....	....	Pittsburg, Pa. Wayne & Chicago:						
Dodge Valley & Southern Kansas:							1st Mortgage (Series A).....	875,000	7	Jan. & July.	New York.	1912	
1st Mortgage (5-30 years).....	300,000	10	Jan. & July.	New York.	1888	....	1st Mortgage (Series B).....	875,000	7	Feb. & Aug.	"	1912	
Oshkosh & Miss. (C., M. & S. P.):							1st Mortgage (Series C).....	875,000	7	March & Sept.	"	1912	
1st Mortgage.....	240,000	8	Jan. & July.	New York.	1891	....	1st Mortgage (Series D).....	875,000	7	April & Oct.	"	1912	
Oswego and Rome (R. W. & O.):							1st Mortgage (Series E).....	875,000	7	May & Nov.	"	1912	
1st Mortgage.....	500,000	7	May & Nov.	New York.	1916	....	1st Mortgage (Series F).....	875,000	7	June & Dec.	"	1912	
Income Mortgage.....	112,100	6	Feb. & Aug.	"	1891	....	2d Mortgage (Series G).....	800,000	7	Jan. & July.	"	1912	108
Oswego and Syracuse (D. L. & W.):							2d Mortgage (Series H).....	800,000	7	Feb. & Aug.	"	1912	
1st Mortgage, guaranteed.....	301,000	7	May & Nov.	New York.	1885	....	2d Mortgage (Series I).....	800,000	7	March & Sept.	"	1912	
Ottawa, Oswego & Fox River:							2d Mortgage (Series J).....	800,000	7	April & Oct.	"	1912	
1st Mortgage guar. by C. B. & Q.	1,131,000	8	Jan. & July.	N. Y. & Bost.	1900	106	2d Mortgage (Series K).....	800,000	7	May & Nov.	"	1912	
Owensboro and Russellville:							2d Mortgage (Series L).....	800,000	7	June & Dec.	"	1912	
1st Mortgage for \$1,500,000.....	1,500,000	8	Feb. & Aug.	New York.	1892	....	2d Mortgage (Series M).....	2,000,000	7	April & Oct.	"	1912	103
Pacific of Missouri (Atl. & Pac.):							Construction bonds of Jan. 1, 1910.....	100,000	7	Jan. & July.	New York.	1897	
1st Mortgage gold.....	7,000,000	6 1/2	Feb. & Aug.	New York.	1888	95 1/2	Equipment bonds.....	1,300,000	6	March & Sept.	"	1894	
2d Mortgage sinking fund.....	2,404,000	7	Jan. & July.	"	1891	91	Pittsburg, Va. and Charleston:						
Income Bonds.....	1,500,000	7	Mar. and Sept.	"	1892	....	1st Mortgage.....	700,000	7	April & Oct.	New York.	1902	
St. Louis County Debt.....	700,000	7	Monthly.	St. Louis.	1885	....	Pittsburg, Wash. & Baltimore:						
Real Estate Bonds.....	600,000	8	May & Nov.	New York.	1892	....	1st Mort. (Pittsb. & Conn'lville).....	4,000,000	7	Jan. & July.	Baltimore.	1898	102 1/2
1st Mort. (Carondelet Branch).....	500,000	6 1/2	April & Oct.	"	1893	....	2d Mort. do. (Balt. Loan).....	5,000,000	6	May & Nov.	"	1902	
1st Mort. (Leav. Aitch. & N. W.).....	500,000	7	"	"	1889	....	1st Mort. (Turtle Cr. Div. 104 m).....	400,000	6	Feb. & Aug.	Pittsburg.	1899	
1st Mort. (Lex. & St. Louis) gold.....	900,000	6 1/2	June & Dec.	"	1890	....	Real Estate Mortgage.....	100,000	6	"	Baltimore.	1892	
Padsah and Memphis:							Plymouth, Kankakee & Pacific:						
1st Mortgage gold for \$2,305,000.....	1,641,000	7 1/2	Feb. & Aug.	New York.	1902	....	1st Mortgage for \$3,000,000.....	30,000 pm	7 1/2	Jan. & July.	New York.	1901	
Panama:							Port Huron and Lake Michigan:						
General Mortgage, stg. £597,800.....	2,889,330	7 1/2	April & Oct.	London.	1897	....	1st Mortgage gold, for \$1,500,000.....	1,500,000	7	May & Nov.	New York.	1899	
Paris and Decatur:							Portland & Ogdensb. (Ma. & N. H.):	800,000	6 1/2	Jan. & July.	Boston.	1900	
1st Mortgage gold, S. F.....	1,200,000	7 1/2	Jan. & July.	N. Y. & Lond.	1892	....	1st Mort. (Maine Section) gold.....	749,000	6 1/2	May & Nov.	"	1901	50 1/2
Paterson and Newark (Erie):							Consol. Mort. gold, for \$3,300,000.....	1,200,000	6 1/2	May & Nov.	N. Y. & Bost.	1891	46
1st Mortgage guaranteed.....	800,000	7	Jan. & July.	New York.	1878	....	Portland and Ogdensburg (Vt.):						
Peikin, Linc. & Decatur (T.W. & W.):							1st Mortgage gold, for \$2,500,000.....	1,500,000	6 1/2	May & Nov.	N. Y. & Bost.	1891	46
1st Mortgage, guaranteed.....	1,075,000	7	Feb. & Aug.	New York.	1900	60	Portland and Oxford Central:						
Pemberton & Highgate (U. C. of N. Y.):							1st Mortgage of 1893.....	250,000	6	Jan. & July.	Portland.	1892	
1st Mortgage guaranteed.....	160,000	7	Jan. & July.	Philadelphia.	1889	100	Portland and Rochester:						
Penn. & Mich. Railway:							1st Mort. (Portland Loan) sfg. fd.....	700,000	6	Jan. & July.	Boston.	1887	
1st Mortgage gold (S. F.) 1st series.....	1,800,000	7 1/2	May & Nov.	N. Y. or Lond.	1899	....	1st Mortgage (equal lien).....	100,000	7	April & Oct.	"	1887	
1st Mortgage gold (S. F.) 2d series.....	970,000	7 1/2	"	"	1900	....	2d Mort. (Portland Loan).....	385,500	6	Mar. & Sept.	"	1891	
Pennsylvania:							Port Royal (S. C.):						
1st Mort. (Harrisburg to Pittsb'g).....	4,970,000	6	Jan. & July.	Philadelphia.	1880	105	1st Mortgage gold, sfg. fd.....	1,500,000	7 1/2	May & Nov.	N. Y. & Lond.	1890	
General Mortgage.....	19,990,700	6	J. A. J. & O.	Philadelphia.	1910	103 1/2	1st Mort. gold, guar. by Gs. Co.	1,000,000	7 1/2	"	"	1890	
(General Mortgage, registered).....	20,250,000	6	Jan. & July.	London.	1900	98	Portsmouth, Gt. Falls & Conway:						
Consolidated Mortgage.....	5,007,360	6	April & Oct.	Philadelphia.	75-90	....	1st Mort. guar. by Eastern R.R.	514,000	7	June and Dec.	Boston.	1893	60
State Ben for \$1,500,000, sfg. fd.....	487,500	7	Feb. and Aug.	New York.	1891	....	Poughkeepsie and Eastern:						
Pennsylvania Coal:							1st Mort. gold, conv. & tax free.....	644,500	7 1/2	Jan. & July.	New York.	1910	
1st Mortgage.....	1,083,000	7	Feb. & Aug.	Philadelphia.	1903	....	2d Mortgage.....	75,000	7	"	"		
Pennsylvania and Delaware:							Providence and Worcester:						
1st Mortgage.....	519,000	7	April & Oct.	"	1903	....	1st Mortgage.....	800,000	6	Jan. & July.	Providence.	1890	
2d Mortgage.....	1,500,000	7	June & Dec.	Philadelphia.	1896	108	Stoughton Branch bonds.....	1,000,000	6	"	"		
Pennsylvania and New York (L. V.):							Quincy, Alton and St. Louis:						
1st Mortgage guaranteed.....	1,500,000	7	"	"	1906	....	1st Mortgage gold.....	1,000,000	7 1/2	May & Nov.	Philadelphia.	1892	
1st Mortgage guaranteed.....	800,000	8	Jan. & July.	New York.	1877	....	Quincy and Palmyra:						
Peoria & Bureau Val. (O. R. L. & P.):							1st Mort. assumed by H. & St. Jo.	500,000	8	Feb. & Aug.	New York.	1890	
1st Mortgage guaranteed.....	571,000	8	Jan. & July.	Boston.	1873	104	Quincy and Toledo (Ct. W. & W. Y.).....	500,000	7	May & Nov.	New York.	1890	50
Peoria & Hannibal (C. B. & Q.):							1st Mortgage, guaranteed.....	750,000	8	Jan. & July.	Boston.	1890	106 1/2
1st Mortgage, traffic guarantee.....	1,000,000	7	Jan. & July.	New York.	1894	....	1st Mortgage, guaranteed.....	250,000	7	March & Sept.	New York.	1892	97
2d Mort. conv. & tax free.....	1,000,000	7	April & Oct.	"	1900	....	Reading and Columbia (P. & R.):						
Peoria and Rock Island:							1st Mort. Coupon, guaranteed.....	350,000	7	June & Dec.	Columbia.	1894	
1st Mort. gold, conv. & tax free.....	1,500,000	7 1/2	Feb. & Aug.	N. Y. & Lond.	1900	....	Rensselaer and Saratoga:						
2d Mortgage.....	160,000	10	Jan. & July.	New York.	1900	....	2d Mortgage.....	300,000	7	Jan. & July.	Troy.	1890	117 1/2
Perkdomen (Phila. and Rdg.):							2d Mortgage.....	150,000	7	March & Sept.	New York.	1890	
1st Mortgage, guaranteed.....	619,000	8	April & Oct.	Philadelphia.	1897	90	1st Mort. (Saratoga & Whitehall).....	400,000	7	May and Nov.	"	1890	
Petersburg:							1st Mort. (Troy, Salem & Rutl.).....	500,000	7	Jan. & July.	"	1890	
1st Mortgage (Installments).....	241,500	8	Jan. & July.	New York.	70-98	....	1st Mortgage (Glenn's Falls).....	125,000	7	Jan. & July.	"	1890	
2d Mortgage.....	500,000	8	"	"	1902	....	Consol. Mort. for \$2,000,000.....	1,925,000	7	May and Nov.	"	1901	92
Philadelphia and Baltimore Cent.:							Richmond and Danville:						
1st Mortgage (Penn. Div. 304 m.).....	800,000	7	Jan. & July.	Philadelphia.	1879	....	Virginia State Loan, sfg. fund.....	600,000	6	Jan. & July.	Richmond.	1880	
1st Mortgage (Md. Div. 94 m.).....	300,000	6	"	"	1891	....	1st Mortgage guar. bonds.....	157,000	6	"	"	1875	
2d Mortgage (Pa. & Md. 46 m.).....	400,000	7	"	"	1900	....	1st Mort. (Piedmont Branch).....	500,000	6 1/2	April & Oct.	N. Y. or Rich.	1890	
Philadelphia and Erie (Penn.):							1st Mort. (Northwestern, N. C.).....	500,000	6 1/2	April & Oct.	N. Y. or Rich.	1890	
1st Mort. (Sunbury & Erie 40m).....	1,000,000	7	Apr. and Oct.	Philadelphia.	1877	102 1/2	Consolidated Mortgage.....	1,700,000	6	May and Nov.	New York.	75-90	91
1st Mortgage.....	5,000,000	6	Jan. & July.	"	1881	101 1/2	Rich. Frederickburg & Potomac:						

AMERICAN RAILROAD BOND LIST.

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Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Saginaw Valley and St. Louis:							South Carolina:						
1st Mortgage.....	\$40,000	8	May & Nov.	Saginaw.	1892	....	1st Mortgage Sterling.....	1,486,833	5*	Jan. & July.	London.	'82-'88	....
Saint Croix and Penobscot:							1st Mortgage (L.) currency.....	897,000	7	"	New York.	'82-'88	....
1st Mort. (Cal. & Baring).....	95,200	6	Jan. & July.	Calais, Me.	1879	....	2d Mort. for \$5,000,000.....	615,600	7	April & Oct.	"	1902	....
2d Mort. (" ").....	17,500	6	"	"	1879	....	Domestic (G) Bonds.....	111,000	6	Jan. & July.	Charleston.	1874	....
Calais Loan (Lewey's Island).....	116,000	6	June & Dec.	"	1878	....	Domestic (I) Bonds.....	1,296,500	7	April & Oct.	"	1891	....
St. Joseph & Denver City:							Domestic (K) Bonds.....	75,000	6	Jan. & July.	"	'80-'92	....
1st Mort. (E. D.) gold tax free.....	1,500,000	8*	Feb. & Aug.	N. Y. & Lond.	1899	....	South Georgia and Florida:						
1st M. (W. D.) land grant, gold tax fr.	5,000,000	8*	"	"	1900	....	1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	....
St. Joseph and St. Louis:							2d Mort. " " " " " "	200,000	7	"	"	1889	....
1st Mortgage.....	1,000,000	6	May & Nov.	New York.	1893	....	South Mountain Iron (Cumb. Val.):						
St. Louis, Alton and Terre Haute:							1st Mortgage guaranteed.....	200,000	6	June & Dec.	Philadelphia.	1888	....
1st Mortgage skg f.d. (Series A).....	1,100,000	7	Jan. & July.	New York.	1894	111	2d Mortgage for \$200,000.....	177,500	7	March & Sept.	"	1884	....
1st Mortgage skg f.d. (Series B).....	1,100,000	7	April & Oct.	"	1894	106	South and North Alabama:						
2d Mortgage preferred (Series C).....	1,400,000	7	Feb. & Aug.	"	1894	914	1st Mort. endor. by Ala. gold.....	391,000	8*	Jan. & July.	New York.	1890	....
2d Mortgage preferred (Series D).....	1,400,000	7	May & Nov.	"	1894	....	Sterling Mort. guar. by L. & N.	\$1,104,000	...	May & Nov.	London.	....	....
2d Mortgage Income (Series E).....	1,700,000	7	"	"	1894	74	South Pacific (Atl. and Pac.):						
Equipment Mortgage.....	800,000	10	March & Sept.	"	1894	....	1st Mortgage gold, assumed....	7,188,500	6*	Jan. & July.	New York.	1888	61
St. Louis, Iron Mt. and Southern:							South Shore (Mass.):						
1st Mort. (St. Louis & Iron Mt.).....	4,000,000	7	Feb. & Aug.	New York.	1892	1024	1st Mortgage, sinking fund.....	150,000	6	April & Oct.	Boston.	'80-'81	994
2d Mort. (" ").....	6,000,000	7*	May & Nov.	"	1897	73	South Side, Va. (A. M. and O.):						
1st Mort. L. G. (Arkansas Br.).....	2,800,000	7*	June & Dec.	"	1897	....	1st preferred bonds.....	675,000	8	Jan. & July.	New York.	'84-'90	....
1st Mort. (Cairo, Ark. & Tex.).....	1,500,000	7*	"	"	1897	....	2d preferred bonds.....	621,000	8	"	"	'84-'90	....
Consolidated Mortgage.....	1,800,000	7	"	"	1899	....	3d preferred bonds.....	452,500	8	"	"	'84-'90	....
St. Louis, Jacksonville & Chicago:							Southern Central (N. Y.):						
1st Mortgage.....	2,029,000	7	April & Oct.	New York.	1894	....	1st Mortgage, skg fund conv....	1,500,000	7	Feb. & Aug.	New York.	1890	....
2d Mortgage.....	648,000	7	Jan. & July.	"	1898	....	2d Mortgage.....	600,000	7*	March & Sept.	"	1882	108
St. Louis, Kansas City & North:							Southern Iowa and Cedar Rapids:						
1st Mortgage (North Missouri).....	6,000,000	7	Jan. & July.	New York.	1896	884	1st Mortgage gold.....	1,500,000	7*	May & Nov.	New York.	1900	....
Real estate & 2d M. for \$3,000,000	963,000	7	March & Sept.	"	1899	....	Southern of L. I.:						
St. Louis, Lawrence and Denver:							1st Mortgage.....	750,000	7	March & Sept.	New York.	1887	....
1st Mort. guar. by Atl. and Pac.	1,020,000	6*	Jan. & July.	New York.	1901	....	2d Mort. Sinking Fund.....	1,500,000	7	May & Nov.	"	....	80
St. Louis and South Eastern:							Southern Minnesota:						
1st Mort. gold skg fund conv....	2,307,000	7	May & Nov.	New York.	1894	....	1st Mortgage land grant tax free	3,240,000	8	Apr. & Oct.	New York.	'78-'83	....
1st M. (Evans, D.) gold skg f.d. con	1,000,000	7	"	"	1896	....	2d Mortgage, land grant.....	1,252,000	7	Jan. & July.	"	1890	....
1st Mort. (Evans, Hen. & Nash.).....	1,000,000	7	Jan. & July.	"	1897	....	Southern (Cal.) Pacific:						
Consol. Mort. Skg. Fund.....	2,000,000	7	Feb. & Aug.	"	1902	....	1st Mortgage gold for \$25,000,000.	11,000,000	6*	April & Oct.	New York.	....	....
St. Louis, Van. & T. H. (T. H. & L.):							Southern Pennsylvania:						
1st Mortgage, guaranteed.....	1,899,000	7	Jan. & July.	New York.	1897	....	1st Mortgage gold.....	625,000	7*	March & Sept.	Philadelphia.	1900	....
2d Mortgage, (A.) guaranteed.....	1,000,000	7	May & Nov.	"	1898	....	2d Mortgage gold.....	88,000	7*	"	"	1890	....
2d Mortgage (B.) convertible.....	1,000,000	7	"	"	1898	....	South Western (Cen. of Ga.):						
Income Mortgage.....	1,000,000	7	March 1.	Pittsburg.	1901	....	Plain Bonds, various conv....	391,000	7	various.	Macon.	'72-'88	....
St. Paul and Iowa Southwestern:							1st Mortgage (Muscoogee) conv....	300,000	7	"	"	'72-'76	....
1st Mortgage.....	4,500,000	7*	May & Nov.	....	1903	....	Spartanburg and Union:						
St. Paul and Pacific 1st Division:							1st Mortgage, end. by S. Car....	350,000	7	Jan. & July.	Charleston.	1879	....
1st Mort. (St. P. to St. Anth.) 10m.	120,000	8	March & Sept.	New York.	1892	....	1st Mortgage not endorsed.....	198,370	7	"	"	1879	....
1st M. (St. Paul to Wabash) 8m.	366,000	7	Jan. & July.	"	1892	....	Springfield, Athol & Northeastern:						
2d Mort. (" do. ") & 1st land gr.	1,145,750	7	June & Dec.	"	1892	....	1st Mortgage.....	416,000	7	Jan. & July.	Boston.	'83-'91	....
1st M. (Main L.) R. R. & Lands.	3,000,000	7*	May & Nov.	London.	....	....	Springfield & Illinois S. Eastern:						
2d M. (" do. ") R. R. & Lands.	8,500,000	7*	"	"	....	....	1st Mortgage gold, tax free.....	3,400,000	7*	Feb. & Aug.	New York.	1899	....
General Mortgage for \$16,000,000		7*	"	"	....	....	2d Mortgage gold, tax free.....	444,000	7*	April & Oct.	"	1900	....
St. Paul, Stillwater & Taylor's F.:							Springfield and Northwestern:						
1st Mortgage.....	450,000	8	Jan. & July.	New York.	1901	....	1st Mortgage gold, skg fund....	500,000	7*	Feb. & Aug.	New York.	1901	....
Salem (West Jersey):							Staten Island:						
1st Mortgage guar.....	100,000	6	Jan. & July.	Philadelphia.	1878	....	1st Mortgage.....	200,000	7	Jan. & July.	New York.	1886	56
Salem and Lowell (B. & L.):							Stamstead, Sheffield and Charnley:						
1st Mortgage.....	225,000	6	Feb. & Aug.	Boston.	1878	97	1st Mort., Guar. by Cent. Verm.	500,000	7	Jan. & July.	Boston.	1887	43
Sand, Mansfield & Newark (B. & O.):							Sullivan (Central Verm.):						
1st Mortgage guaranteed.....	2,301,000	7	Jan. & July.	New York.	1900	1014	1st Mortgage.....	500,000	6	Jan. & July.	Boston.	1875	....
Saratoga & Whitehall (R. & S.):							2d Mortgage.....	250,000	6	Feb. & Aug.	"	1881	....
1st Mortgage, guaranteed.....	400,000	7	March & Sept.	New York.	1888	....	Sullivan and Erie:						
Savannah, Albany & Gulf (A. & G.):							1st Mortgage, skg fund.....	1,000,000	7	May & Nov.	New York.	1888	....
Sectional Mort.....	510,000	7	Jan. & July.	New York.	Var.	....	Summit Branch:						
Savannah and Charleston:							1st Mortgage.....	600,000	7	Jan. & July.	N. Y., Bos. Ph.	1904	85
1st Mortgage (Sav. & Char.).....	500,000	7	Jan. & July.	New York.	1899	....	Sunbury and Lewiston:						
State guaranteed (C. & S.) bonds.	505,000	6	March & Sept.	Charleston.	1877	....	1st Mortgage gold.....	1,200,000	7*	April & Oct.	Philadelphia.	1890	....
Funded Interest bonds, guar.	111,800	7	"	New York.	1889	....	Income Mort. gold.....	200,000	6*	"	"	1891	....
Savannah, Griffin & North Ala.:							Suspens. Bridge & Erie June (E.):						
1st Mortgage for \$500,000 guar.	142,000	7	Jan. & July.	Macon.	1891	....	1st Mortgage.....	1,000,000	7	"	New York.	....	....
Savannah and Memphis:							Syracuse, Bing. & N. Y. (D. L. & W.):						
1st Mort., gold, endor. by State.	16,000pm	8*	May and Nov.	New York.	1890	....	1st Mortgage.....	1,400,000	7	April & Oct.	New York.	1879	....
Schenectady & Susq. (D. & H. Can.):							2d Mortgage.....	270,000	7	June & Dec.	"	1887	....
1st Mortgage gold, tax free.....	400,000	7*	Jan. & July.	New York.	1900	....	Syracuse and Chenango Valley:						
Schoharie & Three R. (L. S. & M.):							1st Mort. gold, for \$600,000.....	500,000	7*	Feb. and Aug.	New York.	1891	....
1st Mortgage.....	100,000	8	Jan. & July.	New York.	1887	....	Tebo and Neosho (M. K. & T.):						
Seward and Rossmore:							1st Mortgage gold, skg fund....	1,163,000	7*	June & Dec.	New York.	1903	....
1st Mortgage.....	510,000	7	Jan. & July.	New York.	1880	....	Terre Haute & Indianapolis:						
Selma and Gulf:							1st Mortgage.....	800,000	7	April & Oct.	New York.	1879	....
1st Mort. (guar. by Ala.).....	1,388,000	8	April & Oct.	New York.	1890	....	Bonds of 1873 for \$1,600,000.....	516,000	7	"	"	1894	....
Selma, Marion and Memphis:							Texas and Pacific:						
1st Mort. guar. by Ala.....	16,000pm	8	March & Sept.	New York.	1889	....	1st Mortgage S. F. Gold.....	40,000pm	6*	June & Dec.	N. Y. or Lond.	1912	....
Selma, Rome and Dalton:							Toledo, Can. Southern & Detroit:						
1st Mortgage, tax free.....	2,000,000	7	April & Oct.	New York.	1887	....	1st Mortgage.....	1,350,000	7	Jan. and July.	....	1906	41
2d Mortgage.....	4,000,000	7	Jan. & July.	"	1891	....	Toledo, Peoria and Warsaw:						
Equipment Mortgage.....	320,000	10	"	"	1891	....	1st Mortgage (Eastern Div.).....	1,600,000	7	June & Dec.	New York.	1894	81
Shamokin Valley & Pottav. (N. C.):							1st Mortgage (Western Div.).....	1,800,000	7	Feb. and Aug.	"	1896	804
1st Mortgage, on road and lands.	2,900,000	7*	Jan. & July.	Philadelphia.	1901	974	2d Mort. conv. (" ").....	1,300,000	7	April & Oct.	"	1886	46
Shohokyan and Fund du Lac:							Equipment Mort. sinking fund....	94,000	8	Jan. & July.	"	1879	....
1st Mortgage.....	729,000	7	June & Dec.	New York.									

AMERICAN RAILROAD BOND LIST.

The Letter (a) affixed to Rate of Interest signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.	Description of Bonds.	Amount.	Rate.	Interest Payable.		Due.	Price.
			When.	Where.						When.	Where.		
Troy & Bennington (T. & B.):	\$						Western Maryland:	\$					
1st Mortgage akg fund, guar....	59,700	7	Jan. & July.	Troy.	1878	....	1st Mortgage, unendorsed.....	400,000	6	Jan. and July.	Baltimore.	1890	88
Troy and Boston:							1st Mort. endor. by Balt.....	200,000	6	" " "	"	1890	105
1st Mortgage.....	300,000	7	Jan. & July.	New York.	1887	....	2d Mort. " " " " " " " "	300,000	6	" " "	"	1890	104
2d Mortgage.....	300,000	7	April & Oct.	" " "	1888	....	2d Mort. endor. by Wash. Co....	300,000	6	" " "	"	1890	99
3d Mortgage.....	650,000	7	May and Nov.	" " "	1875	....	2d Mortgage preferred.....	800,000	6	" " "	"	1891	102
Convertible Bonds.....	648,000	7	" " "	" " "	1882	....	3d Mortgage endor. by Balt.....	875,000	6	" " "	"	1900	104
Troy, Salem & Rutland (R. & S.):							4th Mortgage.....	1,000,000	6	" " "	"	1900	....
1st Mortgage, guaranteed.....	500,000	7	May and Nov.	New York.	1890	....	Western Pacific (Can. Pac.):						
Troy Union (and Depot):							1st Mort. assumed.....	2,755,000	6a	Jan. and July.	New York.	1899	99 1/2
1st Mortgage, guaranteed.....	680,000	6	Jan. & July.	New York.	1878	....	Western Pennsylvania (Penn.):						
Tuckerton:							1st Mortgage.....	800,000	6	Apr. and Oct.	Philadelphia.	1893	80
1st Mortgage.....	408,000	7	April & Oct.	Philadelphia.	1901	....	1st Mortgage (Pittsburg Branch).	1,000,000	6	Jan. and July.	"	1896	....
Union Pacific:							General Mortgage.....	1,900,000	7	" " "	"	....	....
1st Mortgage gold, tax free.....	27,236,000	6a	Jan. & July.	N. Y. & Bos.	96-96	103 1/2	Western Union (Chi., M. & St. P.):						
1st Mort. Land Grant.....	7,632,000	7	Apr. and Oct.	" " "	1887	102 1/2	1st Mortgage for \$5,000,000.....	3,500,000	7	Jan. and July.	New York.	1896	....
2d Mortgage (Gov. subsidy).....	27,236,512	6	Jan. & July.	U.S. Treasury.	96-96	....	West Jersey:						
3d Mortgage Sinking Fund.....	14,400,000	8	March & Sept.	New York.	1894	94	Debenture bonds guar. by C. & A. A.	400,000	6	March & Sept.	Camden.	1893	85
Omaha Bridge B'ds. etc. \$500,000	2,500,000	8a	Apr. and Oct.	London.	1896	....	1st Mortgage.....	1,000,000	6	Jan. and July.	"	1896	103
Union Pacific (Central Div.):							1st Mortgage (Salem) guar.....	100,000	6	" " "	Philadelphia.	1878	....
1st Mortgage gold, tax free.....	1,600,000	6a	May and Nov.	New York.	1896	....	1st Mort. (Swedesboro) guar.....	200,000	6	June & Dec.	Camden.	....	....
2d Mortgage (Gov. subsidy).....	1,600,000	6	Jan. & July.	U.S. Treasury.	96-7-8	....	2d Mort. (Cape May & Millville)	500,000	7	Apr. and Oct.	"	....	95
Union Pacific, S. Br. (M. & T.):							Consolidated Mortgage.....	1,000,000	7	" " "	"	1899	107
1st Mortgage gold, akg fund.....	3,230,000	6a	Jan. & July.	New York.	1899	....	West Wisconsin:						
Union & Titusville (O. C. & A. Riv.):							1st Mort. land gr. gold akg fund	3,000,000	7a	Jan. and July.	N. Y. or Lond.	1887	....
1st Mortgage.....	500,000	7	Jan. & July.	New York.	1890	80	1st Mort. (Southern Extension).	640,000	7a	" " "	"	1902	....
United N. J. R. R. & Canal Coa:							White Water Valley:						
Loan of 1901 (United Compa's)	3,000,000	6	March & Sept.	Philadelphia.	1901	100 1/2	1st Mortgage.....	1,021,840	8	Feb. and Aug.	Cincinnati.	1890	....
Sterling Loan \$360,200 (U. Co's)	1,846,000	5a	" " "	London.	1894	....	Wico Mico and Pocomoke:						
Sterling Loan \$360,200 (")	1,800,000	6a	" " "	"	1894	....	1st Mortgage.....	200,000	6	Jan. and July.	New York.	1888	....
Loan of 1894 St. Fund (")	2,000,000	6	Apr. and Oct.	Philadelphia.	1894	....	Williamston and Tarboro':						
Loan of 1888 (United Compa's)	154,000	6	Feb. and Aug.	"	1888	96	1st Mortgage.....	350,000	8	May and Nov.	New York.	1900	....
3rd to State of N. Jer. (U. Co's)	500,000	7	(Due 90 days after demand.)	London.	1890	....	Wilmington, Colum. & Augusta:						
Sterling S. F. \$262,000 (C. & A. M.)	1,310,000	6a	Feb. and Aug.	Philadelphia.	1883	104	1st Mortgage.....	3,800,000	7	June & Dec.	Baltimore.	1900	40
Loan of 1888 (Camden & Amb'y)	1,700,000	6	June & Dec.	Princeton.	1889	101 1/2	Wilmington and Reading:						
Loan of 1889 (")	800,000	6	May and Nov.	Philadelphia.	1889	105	1st Mortgage.....	1,200,000	7	Apr. and Oct.	Philadelphia.	1900	43
Mortg. Loan (")	5,000,000	6	Feb. and Aug.	New York.	1873	....	2d Mortgage coupon or regis....	1,700,000	7	Jan. and July.	"	1902	10
Loan of '78 (N. J. R. R. & T. Co.)	450,000	6	Apr. and Oct.	N. Y. (Over Due.)	....	....	Wilmington and Weldon:						
Bond to State of N. J. (do.)	100,000	7	" " "	"	....	....	Sterling Bonds.....	648,700	6a	Jan. and July.	London.	1881	....
Utah Central:							Sterling Bonds.....	221,400	7a	May and Nov.	"	1886	....
1st Mortgage.....	1,000,000	6	Jan. & July.	Salt Lake City	1890	....	Sinking Fund gold, Bonds.....	749,000	7a	Jan. and July.	New York.	1896	100
Utah Southern:							Wilmington and Western (Del.):						
1st Mortgage.....	680,000	7	Jan. & July.	Salt Lake City	1891	....	1st Mortgage.....	500,000	7 1/2	J. A. J. & Co.	Phil. & Wilm.	1892	....
Utica and Black River:							Winona & St. Peter (C. & N. W.):						
1st Mortgage.....	200,000	7	Jan. & July.	N. Y. & Utica.	1878	....	1st Mortgage \$20,000 p. m.....	2,750,000	7	Jan. and July.	New York.	1887	87
Bonds of 1871 (2d issue).....	575,000	7	" " "	"	1891	....	2d Mortgage \$12,000 p. m.....	1,650,000	7	May and Nov.	"	1907	78
Utica, Ithaca and Elmira:							Extension mortgage bonds.....	4,875,000	7a	June & Dec.	"	1906	....
1st Mortgage, Sterling.....	1,500,000	7 1/2	Jan. & July.	London.	1902	....	Wisconsin Central:						
Vermont Cent.—See Central Vt.							1st M. L. G. gold S. F. \$25,000pm	4,618,500	7a	Jan. and July.	Boston.	1901	80
Vermont and Massachusetts:							Worcester (Md.):						
1st Mortgage sinking fund.....	550,000	6	Jan. and July.	Boston.	1888	100 1/2	1st Mortgage.....	210,000	6	Jan. and July.	Baltimore.	1891	....
Convertible bonds, tax free.....	200,000	7	" " "	"	1879	104 1/2	Worcester and Naahua:						
Convertible bonds.....	150,000	7	" " "	"	1881	103	Plain Bonds.....	125,000	7	Jan. and July.	Boston.	1881	....
Vicksburg and Meridian:							Plain Bonds.....	185,300	6	Various	"	81-87	....
General 1st series (red).....	717,500	7	Jan. and July.	Philadelphia.	1890	....	Plain Bonds.....	250,000	7	Apr. and Oct.	"	1893	107
2d series (blue).....	850,000	7	" " "	"	1890	....	CANAL BONDS.						
3d series (black).....	138,000	7	" " "	"	1890	....	Chesapeake and Delaware:						
4th series (not end.).....	1,141,700	7	Apr. and Oct.	"	1890	....	1st Mortgage sinking fund.....	1,993,750	6	Jan. and July.	Philadelphia.	1886	86 1/2
Special Loan 1871.....	213,000	8	Jan. and July.	"	1880	....	Chesapeake and Ohio:						
Vineyard:							Sterling Loan guaranteed.....	4,875,000	5a	J. A. J. & O.	London.	1890	....
1st Mortgage tax free.....	750,000	7	Apr. and Oct.	New York.	1890	....	Preferred Bonds (next lien).....	1,992,500	6	Jan. and July.	Baltimore.	1885	105
Virginia & Tennessee (A. M. & O.):							Delaware Division (L. C. & N.):						
Enlarged Mortgage.....	990,000	6	Jan. and July.	N. Y. & Lynch.	1884	88	1st Mortgage, guaranteed.....	800,000	6	Jan. & July.	Philadelphia.	1878	97
4th Mortgage.....	870,000	8	March & Sept.	"	1900	87 1/2	Delaware and Hudson:						
Registered Certificate.....	118,296	8	Jan. and July.	"	1875	....	1st Mort. (1st series, Nov. 1, '87	1,500,000	7	May and Nov.	New York.	1877	105
Funded Interest.....	229,300	8	" " "	"	1880	....	regis. 2d series, July 1, 1899	3,500,000	7	Jan. and July.	"	1884	110
Income Mortgage (fundable).....	98,500	8	" " "	"	1886	....	tered. 3d series, Jan. 1, 1871	3,500,000	7	" " "	"	1891	110 1/2
Wallkill Valley (Erie):							Coupon bonds of 1874.....	3,000,000	7	Apr. and Oct.	"	1894	108
1st Mortgage gold, tax free.....	810,500	7a	Apr. and Oct.	New York.	1901	....	Registered bonds of 1874.....	2,000,000	7	" " "	"	1894	....
Warren (D. & W.):							Lehigh Coal and Navigation:						
1st Mortgage, guaranteed.....	511,400	7	Feb. and Aug.	New York.	1875	....	Mortgage Loan of 1877.....	782,779	6	June & Dec.	Philadelphia.	1877	98
2d Mortgage, guaranteed.....	760,000	7	May and Nov.	"	1900	106	Convertible Bonds.....	41,550	6	" " "	"	1882	96
Warren & Franklin (O. C. & A. H.):							Convertible Loan, gold.....	794,000	6a	March & Sept.	"	1894	104
1st Mortgage, assumed.....	1,500,000	7	Feb. and Aug.	Philadelphia.	1882	86	1st Mortgage, registered.....	5,381,938	6	J. A. J. & O.	"	1884	102 1/2
Warwick Valley (Erie):							1st Mortgage, reg. (R. R.).....	2,000,000	6	F. M. A. & N.	"	1897	103 1/2
1st Mortgage.....	60,000	7	Apr. and Oct.	New York.	1880	....	Mortgage (equip.) Loan, gold....	4,092,500	6a	June & Dec.	"	1897	108
Weasatch and Jordan Valley:							Consolidated Mortgage.....	1,063,000	7	" " "	"	1911	105
1st Mortgage.....	150,000	9a	May and Nov.	New York.	1893	....	Greenwood Mortgage Loan.....	744,000	7	Feb. and Aug.	"	1892	97 1/2
Washington City, Va. Mid. & Gt. So:							Greenwood Mortgage Loan.....	140,000	6	Apr. and Oct.	"	1877	....
1st Mort. (O., Alex. & Manassas)	1,850,000	7	Jan. and July.	Baltimore.	1882	79	Monongahela Navigation:						
2d Mort. (")	350,000	7	" " "	"	1891	....	1st Mortgage.....	108,000	6	Jan. and July.	New York.	1887	....
3d Mort. (")	400,000	6	May and Nov.	"	1873	91	Morris (and Banking):						
4th Mort. (")	1,200,000	6	Jan. and July.	"	1875	70	1st Mortgage.....	500,000	6	Apr. and Oct.	Philadelphia.	1876	99
5th Mort. (")	800,000	8	May and Nov.	"	1873	70	Boat Loan, sinking fund.....	238,965	7	Apr. and Oct.	"	1899	101
6th Mort. (")	700,000	8	March & Sept.	"	1890	44	Preferred Stock Dividend Scrip.	103,184	7	Jan. and July.	"	1887	....
Funded Coupons (do.)	722,664	....	" " "	"	....	....	Pennsylvania:						
1st Mort. (Lynchburg & Danville)	521,000	Apr. and Oct.	"	1896	1st Mortgage akg fund guar....	2,503,000	6	Jan. and July.	Philadelphia.		

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leased to Pennsy Ivania Co.]

PREFERRED & GUARANTEED STOCKS

Marked thus (*) are guaranteed by Leases; and thus (*) have equal dividends with Leases' own stock.

COMPANIES.	Amount of stock issued.	Div's			Market Price.
		Rate.	Per.	Cent.	
RAILROAD STOCKS:					
Atlantic and Great Western, pref.	10,000,000	7			
Atlantic, Mississippi and Ohio, pref.	800,000	7			
Atlantic and Ohio, guar.	276,200	7			
Atlantic and Pacific, preferred	10,000,000	7			
Atlantic and St. Lawrence, guar.	3,994,900	4			
Baltimore and Ohio, preferred	4,349,499	6			
Berkshire, guaranteed	600,000	7			
Blossburg and Corning, guaranteed	250,000	6			
Boston, Concord and Montreal, pref.	800,000	6			
Buffalo, New York and Erie, guar.	950,000	7			
Catawissa, pref. and guar.	1,159,500	7			
Camden and Amboy, guaranteed	5,847,800	10			
Camden and Atlantic, preferred	838,469	7			
Cayuga and Susquehanna, guar.	589,110	9			
Cedar Rapids and Missouri River, preferred and guaranteed	709,000	7			
Central of New Jersey, guar.	20,000,000	10			
Central Ohio, preferred	411,550	6			
Chesapeake, guaranteed	380,000	6			
Cheshire, preferred	2,158,200	7			
Chicago and Alton, preferred	2,425,400	10			
Chicago, Iowa & Nebraska, guar.	3,916,800	8			
Chicago and North-Western, pref.	21,485,653	7			
Cinc., Band and Cleveland, pref.	429,000	6			
Cleveland and Mahoning, guar.	2,059,200	7			
Cleveland and Pittsburgh, guar.	11,230,150	7			
Cumberland Valley, 1st preferred	243,000	8			
" 2d preferred	922,400	8			
Dayton and Michigan, pref. & guar.	1,330,960	6			
Delaware, guaranteed	2,517,140	6			
Detroit and Milwaukee pref. & guar.	5,000,000	3			
Dubuque and Sioux City, guar.	600,315	8			
Dubuque South-Western, pref.	492,500	6			
Eastern (N. H.), guaranteed	500,000	5			
Elmira, Jeff. and Canad., guar.	500,000	7			
Elmira & Williamsport, pref. & guar.	500,000	5			
Erie Railway, preferred	8,586,910	7			
Erie and Pittsburgh, guar.	2,000,000	7			
Evansville and Crawfordsville, pref.	100,000	7			
Hannibal and St. Joseph, pref.	2,167,700	7			
Harrisburg and Lancaster, guar.	1,182,550	7			
Houston, preferred	1,180,000	8			
Huntington & Broad Top Mtn, pref.	190,750	7			
Jeff. Mad. & Indianapolis, pref.	2,000,000	7			
Joliet and Chicago, guar.	1,500,000	7			
Joliet and Northern Indiana, guar.	300,000	8			
Little Miami, Col. and Xenia, guar.	6,394,450	8			
Louisv., Cincinnati and Lex. pref.	851,000	9			
Marietta and Cincinnati, 1st pref.	5,101,650	6			
" 2d pref.	4,436,250	6			
Mich. Southern, (Lake Shore) guar.	838,500	10			
Mill Creek, guaranteed	323,375	10			
Milwaukee and St. Paul, preferred	12,274,483	7			
Mine Hill, guaranteed	3,866,450	8			
Montclair, guaranteed	2,000,000	7			
Morris and Essex, guar.	15,000,000	7			
Nequehoning Valley, guar.	2,000,000	10			
Newark and New York, guar.	1,000,000	7			
Newcastle and Beaver Valley, guar.	605,000	10			
New Jersey, guaranteed	7,295,200	10			
New London Northern, guar.	971,400	10			
New York & Harlem, pref. & guar.	1,500,000	8			
" com. & guar.	6,500,000	8			
Niagara Br. & Canandaigua, guar.	1,000,000	6			
Northern Eastern (S. C.), preferred	105,000	8			
Northern New Jersey, guar.	1,000,000	8			
Norwich and Worcester, guar.	2,823,400	10			
Ogdensburg & Lake Champlain, guar.	3,077,000	7			
" pt. & guar.	2,000,000	8			
Ohio and Mississippi, preferred	4,030,000	7			
Oswego and Syracuse, guar.	1,144,400	9			
Panama, guaranteed	7,000,000	12			
Patterson and Hudson, guar.	680,000	8			
Pemberton and Hightstown, guar.	342,000	6			
Peoria and Bureau Valley, guar.	1,200,000	8			
Philadelphia and Erie, preferred	2,400,000	12			
Phila. Germantown & Norristown, pref.	2,231,900	12			
Philadelphia and Reading, pref.	1,551,687	10			
Philadelphia and Trenton, guar.	1,259,100	10			
Pittsburg, Ft. Wayne & Chic., guar.	22,214,285	7			
Pittsford and North Adams, guar.	450,000	6			
Portland, Saco & Portsmouth, guar.	1,500,000	10			
Rochester & Genesee Valley, guar.	557,560	7			
Rutland, preferred and guaranteed	4,300,000	7			
St. Louis, Alton & Terre Haute, guar.	2,468,400	7			
St. Louis, Jacksonv. & Ch. pf. & guar.	1,054,100	7			
St. Louis, Kansas City & Nor. pref.	12,000,000	6			
Schenykill Valley, guaranteed	576,000	5			
Shamokin V. & Pottsville, guar.	869,450	6			
Toledo, Paris & Warsaw, 1st pref.	1,700,000	7			
" 2d pref.	1,000,000	7			
Colorado, Wabash and Western, pref.	1,000,000	7			
Warren, guaranteed	1,000,000	7			
CANAL STOCKS:					
Delaware Division, guar.	1,633,350	8			
Delaware and Kentucky, guar.	4,847,500	10			
Morris preferred st. & guar.	1,175,000	10			
" c. & a. and guar.	1,095,000	4			
Schenykill Navigation preferred	3,808,977	6			

WHOLESALE PRICE CURRENT.

IRON—DUTY: Bars, 1 to 14 cents per lb.; Railroad, 70 cents per 100 lb.; Boiler and Plate, 14 cents per lb.; Sheet, Band, Hoop and Scroll, 14 to 15 cents per lb.; Pig, 77 per ton; Polished Sheet, 3 cents per lb.; Galvanized, 24; Scrap Cast, 36; Scrap Wrought, 38 per ton. No Bar iron to pay a less duty than 38 per cent. ad val.

Pig, Scotch—Coltness..... per ton 20 @ 30 60
Gartsherrie..... @ 30 60
Summerlee..... @ 30 60
Carnbroe..... @ 30 60
Langloan..... @ 30 60
Glenarnock..... @ 30 60
Eglington..... @ 30 60
Pig, American, No. 1..... @ 23 23
Pig, American, No. 2..... @ 23 23
Pig, American, Forge..... @ 30 30
Bar, Refined, English and American..... @ 30 30
Bar, Sweden, assorted sizes..... (gold) 100 @ 30 60

Bar, Sweden, ordinary sizes..... 130 @ 30 60
Bar, Sweden, Plover sizes..... @ 30 60
Bar, Refined, 1 to 3 in. rd. & sq. 1 to 6
Inch x 1 to 1 in..... 21 @ 30 60
Bar Refined, 1 1/2 to 6 by 1/2 & 5-16 in..... 27 @ 30 60
Bar Refined, 1 1/2 by 1/2 & 5-16 in..... 27 @ 30 60
Large Rounds, 2 1/2 to 3 1/2 @ 4 in..... 27 @ 30 60
Scroll..... 32 @ 30 60
Ovals and Half-round..... 31 @ 30 60
Band, 1 to 6 in. by 3-16 to No. 12..... 29 @ 30 60
Horse Shoe..... 4 @ 30 60
Rods, 1/2 to 16 inch..... 26 @ 30 60
Hoop, 1/2 by No. 22 to 1 1/2 by 13 & 14..... 55 @ 30 60
Nail Rod..... 72 @ 30 60
Sheet Single, as to assortment..... (gold) @ 12 12
Sheet, Russia, D. and T. Common..... 31 @ 30 60
Sheet, Double and Treble, Charcoal..... 5 @ 30 60
Sheet Galvanized 1st and 2d quality..... List 25 @ 15 p. c. disc.
Rails, English..... (gold) per ton @ 40 40
Rails, American, at Works in Penna., c'y. 43 @ 40 40

STEEL—DUTY: Bars and Ingots, valued at 7 cents per lb. or under, 21 cents; over 7 cents and not above 11, 3 cents per lb.; over 11 cents, 3 1/2 cents per lb. and 10 per cent. ad val. (Store Prices.)
English, Cast, (2d and 1st quality)..... per lb. 14 @ 30 60
English Spring (2d and 1st quality)..... @ 30 60
English Billet (2d and 1st quality)..... 9 @ 30 60
English Machinery..... 9 @ 30 60
American German (2d and 1st quality)..... 10 @ 30 60
American Billet..... @ 30 60
American, Cast, Tool..... @ 30 60
American, Cast Spring..... @ 30 60
American Machinery..... @ 30 60
American German Spring..... @ 30 60

NAILS—DUTY: Cut, 1 1/2; Wrought, 2 1/2. Wrought Horse Shoe, 5 cents per lb.; Copper, 45 per cent; Yellow Metal and Zinc, 35 per cent. ad val.
10d. to 60d. Com. Fence & Sheath per keg..... @ 3 10 30
8d. and 9d. "..... @ 3 35 35
6d. and 7d. "..... @ 3 60 60
4d. and 5d. "..... @ 3 85 85
3d. and 4d. Light..... @ 4 60 60
3d. Fine..... @ 5 35 35
2d..... @ 5 35 35
Cut Spikes, all sizes..... @ 3 35 35

TIN—DUTY: Pig, Bars and Block, 77 per lb.; Plate and Sheets and Terne Plates, 1 1/2 to 10 cents per pound.
Blanca..... (gold) per lb. @ 214 214
Strait..... (gold)..... 17 @ 30 60
English, L. & F..... (gold)..... 17 @ 30 60
English, Refined..... (gold)..... 17 @ 30 60
Plates—Fair to good brands..... Gold.
L. C. Charcoal..... per box 6 87 @ 7 50
L. C. Coke..... 6 @ 6 35 35
Coke Terne..... 5 75 @ 6 35 35
Charcoal Terne..... 6 87 @ 6 75 75

PETROLEUM—DUTY: Crude, 20 cents; Refined 40 cents per gallon.
Crude 40 @ 48 gravity (in bulk)..... 9 @ 30 60
Crude 40 @ 47 gravity (in shipping order)..... 12 @ 30 60
Refined, Standard White (in ship's order)..... 16 @ 30 60
Refined, S. W. (in jobbing lots)..... 19 @ 30 60
Refined, S. W. (in tin)..... 19 @ 30 60
Naphtha, Refined (65 @ 73 gravity)..... 9 @ 30 60
Residuum..... (in shipping order) per gall. 8 @ 30 60

COPPER—DUTY: Pig, Bar and Ingot, 5; Old Copper 4 cents per lb.; Manufactured, Copper and Yellow Metal, Sheathing and Bolts, 45 per cent. ad val.
Copper, New Sheathing, (over 12 oz.) per lb. @ 31 31
Copper, Bolts..... @ 32 32
Copper, Braziers' (over 16 oz.)..... @ 32 32
Copper, Nails..... @ 35 35
Copper, Old Sheathing, &c., mixed lots..... 19 @ 30 60
Copper, American Ingot Lake..... 20 @ 30 60
Copper, English Pig..... @ 30 60
Yellow Metal, New Sheathing & bronze..... 20 @ 30 60
Yellow Metal, Bolts..... 26 @ 30 60
Yellow Metal, Nails, Sheathing & Slating..... @ 21 21

LEAD—DUTY: Pig, 32 per 100 lb.; old Lead, 14 cents per lb.; Pipe and Sheet, 21 cents per lb.
Spanish Ordinary..... (gold) per 100 lb. @ 6 75 75
German Ordinary..... (gold) @ 6 75 75
English..... (gold) 6 87 @ 6 90 90
Foreign Refined..... (gold) 6 75 @ 6 75 75
Domestic..... (gold) 6 25 @ 6 25 25

COAL—DUTY: Bituminous, 75 cts. per ton of 28 bushels 80 lb. to the bushel; Anthracite, 75 cts. per ton of 28 bushels of 80 lb. to the bushel.
Liverpool Gas Canal..... @ 11 11
Liverpool House Canal..... @ 14 14
Anthracite (by cargo) per ton of 2,000 lb. @ 6 6

Philadelphia Stock Exchange.

Actual Sale Prices for the week ending July 11.

	W. S. Th. & F. T. Sat. & M. 10. Tu. 11.		W. S. Th. & F. T. Sat. & M. 10. Tu. 11.
Allegheny Val. 1 1/2-10s.....	100 100	104 104	
7s, Income.....			
Camden & Am. 6s, 1883.....	104	104	47
6s, 1885.....			
Mort. 6s, 1889.....			
Camden and Atlantic.....			
Preferred.....	53		
1st mortgage.....			
2d mortgage.....			
Catawissa.....	137		
Preferred.....	424	43	43
New preferred.....	41		
7s, new.....			
Del. & Bound Brook 7s, 10s.....	108	108	
Elmira & Williamsport.....			
Preferred.....			
7s.....			
Hunt. & B. Top Mt.....			
Preferred.....			
2d mortgage.....			
Lehigh Navigation.....	441	441	441
6s, 1877.....			441
6s, 1884.....	103		103
Gold Loan.....	103		103
Railroad Loan.....			
Conv. Gold Loan.....	105		
Lehigh Valley.....	571	571	571
6s, new, coupon.....	104		571
6s, new, registered.....			
7s.....			
Consol. mort. 6s.....	99	99	99
Little Schuylkill.....			99
7s.....			
Minehill & Sch. Haven.....			53
North Pennsylvania.....			
1st mortgage 6s.....	104		104
2d mortgage 7s.....	109		109
Chattel 10s.....			
Gen'l mort. 7s, coup.....			
Northern Central.....	34		34
Pennsylvania R. R.	521	521	521
1st mortgage.....	104	104	104
Gen'l mortgage.....	103		103
Gen'l mort. reg.....			103
Consol. mort. 3s, reg.....			
Penn. State 6s, 2d series.....			
Penn. State 6s, 3d series.....			110
Philadelphia, City, 6s.....	104		104
6s, new.....	100	100	100
Phila. and Reading.....	441	441	441
Debenture bonds.....			
7s, of 1892.....			
7s, new, convertible.....			98
Gen'l mortgage.....	107		107
Gen'l mortgage, reg.....	106		
Philadelphia and Erie.....	181		181
1st mortgage, 6s.....	101	101	
2d mortgage, 7s.....	94	94	94
Pittsb. Cin. & St. L. 7s.....	81		81
Pittsb. Titusv. & Buff. 8 1/2.....	81	81	81
Schuylkill Navigation.....			
Preferred.....			
6s, 1872.....			
6s, 1876.....			
6s, 1882.....			
6s, 1892.....			
United Co. of N. Jersey.....	133	133	133
Hestonville, (Horse) 34.....	34	34	34
Chestnut & Wal. (do.).....			60
Germantown (do.).....			47
Green and Coates (do.).....			
Lombard & 8th. (do.).....			
2d and 3d streets (do.).....			
Spruce and Pine (do.).....			37
18th and 15th sts. (do.).....	37		38
Union (do.).....			100

Baltimore Stock Exchange.

Actual Sale Prices for the week ending July 11.

	W. S. Th. & F. T. Sat. & M. 10. Tu. 11.
Baltimore and Ohio.....	133
6s, 1880.....	101
6s, 1885.....	
Central Ohio.....	
1st mortgage.....	
Marietta & Cincinnati.....	
1st mortgage, 7s.....	107
2d mortgage, 7s.....	95
3d mortgage, 8s.....	68
Northern Central.....	33
2d mortgage, 6s 1885-1893.....	
3d mortgage, 6s, 1900.....	
6s, 1900, Gold.....	100
Orange and Alex. 1st.....	
2d mortgage, 6s.....	
3d mortgage, 6s.....	
4th mortgage, 6s.....	
O. Alex. & Manassas 7s.....	79
Pittsb. & Connellsv. 7s.....	102
Virginia 6s, Consol.....	60
Consol. Coupons.....	84
Deferred Certificates.....	
Western Maryland.....	
1st M., end. by Balt.....	
2d M., do.....	
3d M., do.....	
1st M., unendorsed.....	
2d M., end. Wash. Co.....	
3d Mort., preferred.....	
City Passenger R. R.....	

New York Stock Exchange.

Actual Sale Prices for the week ending July 12.

	Th. 6.	F. 7.	Sat. 8.	M. 10.	Tu. 11.	W. 12.
Adams Express.....	110	110	110	110	110	110
Albany and Susq.....	112	112	112	112	112	112
2d mortgage.....	109	109	109	109	109	109
American Express.....	58	58	58	58	58	58
Am. Dock and Imp. 7s.....	18	18	18	18	18	18
Atlantic & Pacific pref. 2d.....	18	18	18	18	18	18
Bost., Hart. & Erie 1st.....	48	47	47	47	47	47
Burl. C. R. & Minn. 1st.....	73	73	73	73	73	73
Central of N. Jersey.....	102	101	101	101	101	101
1st mortgage, new.....	98	98	98	98	98	98
7s, consolidated.....	107	107	107	107	107	107
Central Pacific 6s, gold 107.....	92	92	92	92	92	92
1st M. (San Joaquin).....	91	91	91	91	91	91
1st M. (Cal. and Or.).....	94	94	94	94	94	94
Land grant 6s.....	102	102	102	102	102	102
Chicago and Alton.....	117	117	117	117	117	117
Preferred.....	115	115	115	115	115	115
Sinking Fund.....	109	109	109	109	109	109
Income bonds.....	115	115	115	115	115	115
Chic. Burl. & Quincy 115.....	109	109	109	109	109	109
7s, 1883.....	101	101	101	101	101	101
Chic. & Milwaukee 1st.....	41	41	41	41	41	41
Chic., Mil. and St. Paul. 41.....	71	71	71	71	71	71
Preferred.....	101	101	101	101	101	101
1st mortgage, 7s.....	101	101	101	101	101	101
2d mortgage, 7s.....	101	101	101	101	101	101
7s, gold.....	101	101	101	101	101	101
1st M. (La Crosse div.) 101.....	90	90	90	90	90	90
1st M. (I. and M. div.).....	90	90	90	90	90	90
1st M. (I. and D. div.).....	90	90	90	90	90	90
1st M. (H. & D. div.).....	90	90	90	90	90	90
1st M. (C. & M. div.).....	90	90	90	90	90	90
Consolidated S. F. 90.....	42	42	42	42	42	42
Chic. & Northwestern 42.....	67	67	67	67	67	67
Preferred.....	105	105	105	105	105	105
1st mortgage.....	109	109	109	109	109	109
Sinking Fund.....	109	109	109	109	109	109
Consolidated 7s.....	104	104	104	104	104	104
Consol. Gold bonds.....	93	93	93	93	93	93
Do. reg.....	109	109	109	109	109	109
Chic. Rock Isl. & Pac. 109.....	108	108	108	108	108	108
7s, 1896.....	108	108	108	108	108	108
Clev., Col. C. and Ind. 44.....	14	14	14	14	14	14
1st mortgage.....	103	103	103	103	103	103
Clev. & Pittsburg guar. 93.....	103	103	103	103	103	103
7s, Consolidated.....	103	103	103	103	103	103
4th mortgage.....	103	103	103	103	103	103
Clev., P. and Ash. 7s.....	81	81	81	81	81	81
7s, new.....	81	81	81	81	81	81
Col. Chl. & Ind. Cent.....	46	46	46	46	46	46
1st mortgage.....	40	40	40	40	40	40
2d mortgage.....	108	108	108	108	108	108
Consol. Coal of Md. 40.....	108	108	108	108	108	108
Del. & Hudson Canal 107.....	108	108	108	108	108	108
Reg. 7s, 1891.....	108	108	108	108	108	108
Reg. 7s, 1884.....	108	108	108	108	108	108
7s, 1894.....	108	108	108	108	108	108
Del. Lack. & Western 104.....	108	108	108	108	108	108
2d mortgage 7s.....	108	108	108	108	108	108
7s, Convertible.....	108	108	108	108	108	108
Det. Mon. & Tol. 1st.....	73	73	73	73	73	73
Det. of Columbia 3-6s.....	14	14	14	14	14	14
Erie Railway.....	14	14	14	14	14	14
Preferred.....	103	103	103	103	103	103
1st mortgage.....	103	103	103	103	103	103
2d mortgage.....	103	103	103	103	103	103
4th mortgage.....	103	103	103	103	103	103
5th mortgage.....	103	103	103	103	103	103
Great Western 1st mort.....	91	91	91	91	91	91
2d mortgage.....	14	14	14	14	14	14
Hannibal & St. Joseph.....	80	80	80	80	80	80
8s, Convertible.....	81	81	81	81	81	81
Hudson River 2d mort.....	98	98	98	98	98	98
Illinois Central.....	58	58	58	58	58	58
Kansas Pacific.....	58	58	58	58	58	58
Lake Shore & Mich. So. 58.....	58	58	58	58	58	58
Consol. 7s.....	58	58	58	58	58	58
2d mortgage.....	58	58	58	58	58	58
Lake Shore Div. bonds.....	58	58	58	58	58	58
Leh. & W.B. 7s, Con.....	58	58	58	58	58	58
Long Dock bonds.....	58	58	58	58	58	58
L'ville & Nash. 7s Cons.....	58	58	58	58	58	58
Michigan Central.....	58	58	58	58	58	58
7s, 1902.....	58	58	58	58	58	58
8s, 1882.....	58	58	58	58	58	58
M. S. and N. I. 1st, S.F.....	58	58	58	58	58	58
2d mortgage.....	58	58	58	58	58	58
Morris and Essex.....	58	58	58	58	58	58
1st mortgage.....	58	58	58	58	58	58
2d mortgage.....	58	58	58	58	58	58
7s, 1871.....	58	58	58	58	58	58
7s, Convertible.....	58	58	58	58	58	58
7s, Consolidated.....	58	58	58	58	58	58
N. Y. Cent. & Hud. Riv.....	58	58	58	58	58	58
7s, Sinking fund, 1874.....	58	58	58	58	58	58
7s, Sinking fund, 1883.....	58	58	58	58	58	58
7s, Sinking fund, 1887.....	58	58	58	58	58	58
1st mortgage.....	58	58	58	58	58	58
1st mortgage, reg.....	58	58	58	58	58	58
N. York and Harlem.....	58	58	58	58	58	58
Preferred.....	58	58	58	58	58	58
1st mortgage.....	58	58	58	58	58	58
1st mortgage, reg.....	58	58	58	58	58	58

New York Stock Exchange.

Actual Sale Prices for the week ending July 12.

	Th. 6.	F. 7.	Sat. 8.	M. 10.	Tu. 11.	W. 12.
New Jersey.....	151	151	151	151	151	151
N. Y. N. Haven & Hart.....	97	97	97	97	97	97
North Missouri 1st M. 95x.....	161	161	161	161	161	161
Ohio and Mississippi 77.....	69	69	69	69	69	69
Preferred.....	94	94	94	94	94	94
2d mortgage.....	94	94	94	94	94	94
Consolidated 7s.....	94	94	94	94	94	94
Consol. Sinking fund.....	97	97	97	97	97	97
1st M. (Springfield D.).....	26	26	26	26	26	26
Pacific Mail S. S. Co. 26.....	94	94	94	94	94	94
Pacific R. R. of Mo. 26.....	81	81	81	81	81	81
1st mortgage.....	82	82	82	82	82	82
2d mortgage.....	82	82	82	82	82	82
Pacific 7s, guar. by Mo. 81.....	102	102	102	102	102	102
Panama.....	118	118	118	118	118	118
Pitts., Ft. W. & Chi. 1st.....	102	102	102	102	102	102
2d mortgage.....	118	118	118	118	118	118
3d mortgage.....	118	118	118	118	118	118
Quicksilver Mining Co. 102.....	118	118	118	118	118	118
Preferred.....	118	118	118	118	118	118
St. L., Alton and T. H. 118.....	118	118	118	118	118	118
Preferred.....	118	118	118	118	118	118
1st mortgage.....	118	118	118	118	118	118
2d mortgage.....	118	118	118	118	118	118
Income bonds.....	118	118	118	118	118	118
St. L., Iron Mt. & S. 19.....	102	102	102	102	102	102
1st mortgage.....	102	102	102	102	102	102
2d mortgage.....	102	102	102	102	102	102
St. L., Jack. & Chi. 1st.....	102	102	102	102	102	102
St. L., Kan. City & N. 102.....	102	102	102	102	102	102
Tol. F. & W. 1st E.D. 102.....	102	102	102	102	102	102
1st mort., West. Div. 102.....	102	102	102	102	102	102
Tol. Wab. & Western. 21.....	102	102	102	102	102	102
Preferred.....	102	102	102	102	102	102
1st mortgage.....	102	102	102	102	102	102
2d mortgage.....	102	102	102	102	102	102
7s, Consolidated.....	102	102	102	102	102	102
St. Louis Division.....	102	102	102	102	102	102
Union Pacific.....	102	102	102	102	102	102
1st mortgage.....	102	102	102	102	102	102
2d mortgage.....	102	102	102	102	102	102
Land Grant 7s.....	102	102	102	102	102	102
Sinking Fund 8s.....	102	102	102	102	102	102
United States Express. 76.....	102	102	102	102	102	102
Warren.....	102	102	102	102	102	102
Wells-Fargo Express.....	102	102	102	102	102	102
Western Pacific bonds. 99.....	102	102	102	102	102	102
Western Union Tel. 71.....	102	102	102	102	102	102
7s, S. F. conv., 1900.....	102	102	102	102	102	102

Boston Stock Exchange.

Actual Sale Prices for the week ending July 12.

	Th. 6.	F. 7.	Sat. 8.	M. 10.	Tu. 11.	W. 12.
Atch., Top. and San. Fe.....	151	151	151	151	151	151
1st mortgage.....	83	83	83	83	83	83
2d mortgage.....	49	49	49	49	49	49
Land Grant 7s.....	77	77	77	77	77	77
Income 12s.....	130	130	130	130	130	130
Boston and Albany.....	130	130	130	130	130	130
7s.....	115	115	115	115	115	115
6s, 1895.....	64	64	64	64	64	64
Boston and Lowell.....	64	64	64	64	64	64
7s.....	107	107	107	107	107	107
Boston and Maine.....	97	97	97	97	97	97
Boston and Providence.....	97	97	97	97	97	97
Boston, Hart. & Erie 7s 191.....	104	104	104	104	104	104
Boston Water Power.....	84	84	84	84	84	84
Burl. & Mo. R. in Iowa.....	35	35	35	35	35	35
Land Grant 7s.....	84	84	84	84	84	84
Burl. & Mo. R. in Neb.....	35	35	35	35	35	35
8s, old.....	102	102	102	102	102	102
Carthage and Burl. 8s.....	102	102	102	102	102	102
Cary Improvement.....	1	1	1	1	1	1
Chl., Burl. and Quincy 115.....	115	115	115	115	115	115
7s.....	109	109	109	109	109	109
Cin., Sand. and Clev. 71.....	71	71	71	71	71	71
Concord.....	81	81	81	81	81	81
Connecticut River.....	133	133	133	133	133	133
Eastern.....	81	81	81	81	81	81
7s, Sinking Fund.....	51	51	51	51	51	51
Fitchburg.....	121	121	121	121	121	121
Ind., Cin. & Lafayette.....	51	51	51	51	51	51
Michigan Central.....	51	51	51	51	51	51
Nashua and Lowell.....	51	51	51	51	51	51
Northern, N. H. 68.....	68	68	68	68	68	68
Norwich & Worcester.....	51	51	51	51	51	51
Ogden & Lake Champ.....	51	51	51	51	51	51
Preferred.....	51	51	51	51	51	51
Old Colony.....	105	104	105	104	104	104
Ph., W. & Baltimore.....	61	61	60	60	60	60
Portl'd, Saco & Ports.....	61	61	60	60	60	60
Ports, Gt. Falls & Con.....	61	61	60	60	60	60
Pullman Palace Car.....	80	80	80	80	80	80
Union Pacific.....	80	80	80	80	80	80
6s.....	103	103	103	103	103	103
Land Grant 7s.....	89	89	89	89	89	89
Sinking Fund 8s.....	89	89	90	92	91	91
Vermont and Canada.....	89	89	89	89	89	89
Vermont and Mass.....	89	89	89	105	105	105
Worcester and Nashua.....	89	89	89	89	89	89
Cambridge (Horse).....	108	108	108	108	108	108
Metropolitan ("").....	108	108	108	108	108	108
7s.....	108	108	108	108	108	108
Middlesex ("").....	108	108	108	108	108	108
Central Mining Co.....	108	108	108	108	108	108
Calumet and Hecla.....	164	164	164	164	164	164
Copper Falls.....	3	3	3	3	3	3
Franklin.....	10	10	10	10	10	10
Quincy.....	43	43	43	43	43	43

177,457. The customs revenue of the port during the week was \$1,825,000.

The City banks reported their average of gold last week at \$23,650,600, and their greenback average at \$53,331,200. Their deposits stood at \$223,704,100. The loan item was \$255,653,800. The circulation was \$15,563,600.

The City Bank net reserve of specie and legal tender notes now shows an excess, over the legal requirement of reserve to liabilities, of \$21,105,777 as against \$19,056,400, the preceding week.

The aggregate of the outstanding U. S. currency, of all denominations, July 1st was \$404,723,601. The outstanding amount of legal tender notes is \$369,772,384. The National bank circulation is now \$330,516,126 including \$2,099,190 of national gold bank notes.

On Monday of this week the cash balances of the Treasury Department at Washington were: of Currency \$13,004,142; special deposit of legal tenders for the redemption of certificates of deposit, \$32,840,000; Coin, \$73,625,585; Coin certificates, \$28,681,400.

The week's import entries of Foreign Merchandise at New York were \$2,538,262, including \$595,934 of Dry Goods.

Gold has declined under the freer offerings, mainly of the July 1st coin interest disbursements. At the reduced figures, a moderately active business has been reported. Speculation has not shown much life. The customs drain has been somewhat lighter while the export movement has been up to a fair average. The political news from Europe has not been deemed particularly threatening. The neutrality of the great powers has been viewed as a guarantee of peace. The extremes of the price during the week have been 111½@111½, closing on Wednesday at 111½, as against 112½ on Wednesday of the preceding week. The specie outflow last week was \$1,486,900 against \$1,536,721 the previous week. The imports of specie at this port last week were \$154,953, and since January 1st \$2,326,088 as against \$7,386,161 same time last year. The customs demand for gold last week averaged \$220,833 per day. Foreign Exchange has been quite moderately sought after at generally unchanged rates. Bankers sixty day bills on London closed on Wednesday at \$4 87½@88½; sight bills on London at \$4 89½@90½ to the £ sterling. The week's exports of Domestic Produce have been to the very liberal currency value of \$7,170,898. The week's imports of Dry Goods and general merchandise were to the specie value of \$2,538,262 as against \$4,342,501 the corresponding week of 1875.

Notwithstanding the fall in Gold, an active demand has been reported for Government Securities for investment account and prices have been well supported, showing toward the close an upward tendency on most issues, with very moderate offerings reported of the favorite coin-bearing six per cents. The amount of U. S. bonds held by the Treasurer of the United States, as security for the National Bank circulation, is \$941,259,759.

U. S. sixes of 1881 closed on Wednesday of this week (ex July coupon) at 120@120½; U. S. Five-Twenties of 1866, at 116½@116½; U. S. Five-Twenties of 1865 consolidated, (ex July coupon) 117½@117½; U. S. Five-Twenties of 1867,

119½@119½; U. S. Five-Twenties of 1868, 121½@121½; U. S. Ten-Forties at 118½@118½; U. S. Fives of 1881, (Funding Loan) 117½@117½; Six per cent. currency Sixes 125½@126.

State and Railway bonds have been in more request, for investment purposes and prices of the more substantial loans have shown more firmness. And in the line of Railway and Miscellaneous share property business has been moderately active but prices have been quoted unsettled and generally weaker, closing however with some show of steadiness.

Owing to the oppressive heat of the weather, business in produce and merchandise has been on a restricted scale. Breadstuffs, Provisions and Cotton have been quoted lower. Petroleum and Naval Stores dearer. Much of the Wheat and Corn offerings here is out of order. And the warm weather has turned large quantities of Flour, which have been reported as scouring, and otherwise deteriorating in quality. Foreign merchandise has been held with more confidence, especially Groceries. Metals have been more active especially Tin and Copper. Eglinton Pig Iron quoted here at \$27 50@28; Glengarnock \$29 50@30; Coltness \$30 @30 50; No. 1 American Pig at \$22@23; No. 2 do. at \$20; Forge \$18 @20; American Rails at works \$40@43; Old Rails \$21@22. Wrought Scrap 28. Ocean freights have been quoted generally firmer, with an active demand reported for accommodation for Grain, Petroleum, Provisions, Tobacco, and Cotton.

The following quotations of sales of Railway and other securities are in addition to those given elsewhere in our columns:—

New York.—South Pacific R. R. of Missouri 6s, 61; Hannibal and Central Missouri 1st mort., 85½; Belleville and Southern Ills. 1st mort., 90; Missouri, Kansas and Texas R. R., 8¾; do. S. F., 54¼; Rensselaer and Saratoga 1st mort., 117½; Chicago and Northwestern Interest bonds, 104; Cedar Falls and Minnesota 1st mort., 87; Indianapolis, Bloomington and Western 1st mort., 80; New Jersey Southern 1st mort., 23; New York Central 6s, sub., 101; Winona and St. Peter 2d mort., 75; Producers' Consol. L. and P. Co., 113¾; Mariposa L. and M., 8; do. pref., 8; Mariposa 7s, gold, conv., 100½; Missouri 6s, long bonds, ex-int., 105¼; do. Asylum bonds, 105; Virginia 6s, ex-mat. coupon, 66; Louisiana 7s, consol., 63; Arkansas 6s, Fund., 32; Tennessee 6s, old, 46½; Georgia 7s, gold, 105; New York State 7s, Bounty Loan, coupon, ex-int., 102. The latest quotations are: Pacific Mail, 25½@25¾; Western Union Telegraph, 70¾@70¾; Atlantic and Pacific Tel., 18¼@18½; Quicksilver Mining, 18@15¼; do. pref., 18@21¼; Mariposa Land and Mining, 7½@8¾; do. pref., 8@9; Adams Exp., 110@110¼; American Exp., 58@58½; U. S. Express, 75@75½; Wells-Fargo Express, 85¼@86; Chicago and Alton, 101@102½; Cleveland and Pittsburg, 93¾@94¼; Chicago and Northwestern, 42¾@42¾; do. pref., 66¾@66¾; Chicago, Rock Island and Pacific, 108¾@109¼; Chicago, Milwaukee and St. Paul, 40¾@40¾; do. pref., 71½@71¾; Cleveland, Columbus, Cincinnati and Indianapolis, 48@44½; Columbus, Chicago and Indiana Central, 3¾@4¼; Delaware, Lackawanna and Western 101¼@101½; Erie, 14@14¼; Hannibal and St. Joseph, 14¼@14; do.

pref., 24¼@25; Lake Shore and Michigan Southern, 55½@55¾; Michigan Central, 49¾@50; New York and Harlem, 139¾@140¼; N. Y. Central and Hudson River 107½@108½; Central of New Jersey 72½@72¾; Ohio and Miss., 16¾@16¾; Panama, —@137; Toledo, Wabash and Western, 2@2½; Pacific R. R. of Mo., 6¼@6; Union Pacific, 62½@63; do. 1st mort., 103¾@103¾; do. 7s, land grant, 102¾@102¾; do. sinking fund 8s, 94@94½; Central Pacific 6s, gold, 107@107¾.

Philadelphia.—Shamokin Valley and Pottsville 7s, 97½; Am. S. S. Co. 6s, 81½; Belvidere Delaware 3d mort., 100; Philadelphia and Reading Coal and Iron mort. 7s, 80; Pittsburg, Titusville and Buffalo 7s, 48; North Pennsylvania Gen'l mort. 7s, reg., 106½; Connecting R. R. 6s, 102½; Pennsylvania Canal 6s, 75½; Wilmington and Reading 1st mort., 43; Steubenville and Indiana 1st mort., 83¾; Northern Pacific pref., 11; Nesquehoning Valley R. R., 54; Central Transp., 46¾; South Transp., 28. The latest quotations are: City 6s, 104¼@—; do. free of tax, 108¾@109; Pennsylvania State 6s, 2d series, 102@—; do. 3d series, 110@110½; Philadelphia and Reading, 44¼@44¾; do. Gen'l mort. 7s, coup., 106¼@107¼; do. reg., 105@106; do. mort. 6s, 1880, 102@—; do. 7s, new conv., 98@—; do. 7s, 1893, 107@—; United New Jersey R. R. and Canal Co., 138½@140; Camden and Amboy mort. 6s, 1889, 105½@106; Pennsylvania R. R., 52¾@52¾; do. 1st mort., 104¼@105; do. general mort. coupon, 103½@104; do. reg., 105½@106¼; do. Consol. mort. 6s, reg., 98@—; Little Schuylkill R. R., 46½@—; Morris Canal, 54@—; do. pref., 136@138; Susq. Canal, 6@10; do. 6s, 70@75; Schuylkill Nav., 6@7½; do. pref., 13@14; do. 6s, 1882, 73@—; do. 1872, 90@—; Elmira and Williamsport pref., 40@43; do. 7s, 100@—; do. 5s, 64¼@—; Lehigh Coal and Navigation, 44@44½; do. 6s, 1884, 102½@103; do. R. R. Loan 104¼@105; do. Gold Loan, 102¾@103¾; North Pennsylvania, 52@52; do. 6s, 104@105; do. 7s, 108@109; do. Gen'l mort. 7s, 107@—; do. chatel 10s, 108@103; Philadelphia and Erie 18@18½; do. 6s, 101@102; do. 7s, 94@94½; Minehill, 53@53½; Catawissa, 13@14; do. pref., 42½@43½; do. new pref., 40@41½; do. 7s, 1900, 107½@109; Lehigh Valley, 57¼@57½; do. 6s, new coupon, 105@107; do. reg., 108@109½; do. 7s, 112¾@113½; do. consol. mort., 95@99¼; Fifth and Sixth streets (horse), 70@—; Second and Third, 81@85; Thirteenth and Fifteenth, 38@38¾; Spruce and Pine, 36½@37; Green and Coates, 47¼@50; Chestnut and Walnut 93@97; Hestonville, 33¾@33¾; Germantown, 67@69; Union, 95@103; Lombard and South, 21@23; Ridge Avenue, 56@56; Tenth and Eleventh 125@—.

Boston.—Pueblo and Arkansas Valley 1st mort. 7s, 65; Boston and Maine 7s, 110¼; Burlington and Missouri River R. R. in Nebraska 8s, new, 90; Boston and Lowell 6s, 101; Eastern R. R. 7s, notes, 51; Rutland R. R. Scrip Nos. 4 and 5, 64; Omaha and Southwestern 8s, 92½; Portsmouth, Great Falls and Conway R. R., 2; do. 7s, 50; Old Colony 7s, 111; New York and New England R. R., 17½; Chicago, Iowa and Nebraska R. R., 112; Portland, Saco and Portsmouth R. R., 49½; Cincinnati, Sandusky and Cleveland

pref., 82½; Boston, Revere Beach and Lynn R. R., 109; Connecticut and Passumpsic Rivers R. R., 89; Boston, Clinton and Fitchburg pref., 68½; Maine 6s, 1887, 110½; Massachusetts 5s, 1880, 108; New Hampshire 6s, 1899, 111; Providence 5s, 1906, gold, 108¾; Chicago 7s, 1892, 104½; St. Louis County 7s, 1877, 101½; Boston 6s, 1880, 107; do. 5s, 1905, 112½; Cincinnati 7s, 30s, 1902, 105½; St. Louis City 6s, 1905, 105½; do. 1879, 101½; Minneapolis 8s, 1905, 108½; Lawrence 6s, 1894, 108¾; Fall River 6s, 1905, 108¾; Chelsea 6s, 1896, 110; Brookline 7s, 1898, 114½; Lynn 6s, 1887@1891, 109½; Woburn 6s, 1893, 110; Portland 6s, 1877, 100¾; Toledo 7s, 1879, 102¾; Cleveland 6s, 1877, 100¾; do. 1895, 103¾; Cook Co., Ill., 7s, 1880, 104½.

Baltimore.—Maryland Defense 6s, 111; Baltimore City 6s, 1875, 102½; do. 1890, 109½; do. 1900, 109½; Cincinnati 7-30s, 105½; Pittsburg 7s, 103. The latest quotations are: Wilmington and Weldon 7s, —@101; Wilmington, Columbia and Augusta 7s, 35@—; Richmond and Danville 1st mort., 66½@—; Pittsburg and Connelleville 7s, 1898, 102½@—; Baltimore and Ohio, 154@155; do. 6s, 1880, 101¾@102; do. 1885, 103½@104; Northern Central, 33½@34; do. 6s, 1885, 100½@102; do. 6s, 1900, 101½@102¾; do. 6s, 1900, gold, 100@101; N. W. Va. 3d mort., 1885, 97@—; Marietta and Cincinnati 1st mort. 7s, 1892, 107½@108; do. 2d mort. 7s, 95@96; do. 3d mort. 8s, 68@68¾; Central Ohio, 33@36½; do. pref., 35@40; do. 1st mort., 100¼@100½; Western Maryland 1st mort. 6s, 1890, —@90; do. 1st mort. guar., —@106; do. 2d mort. guar., —@107½; do. 3d mort. guar. 104@106; do. 2d mort. pref., 103½@—; do. 2d mort. guar. by Washington Co., 100@—; Virginia and Tennessee 2d mort. 6s, 68@74; do. 3d mort. 8s, 67@71; Orange and Alexandria 1st mort. 6s, 80½@81; do. 2d mort. 6s, 70@72; do. 3d mort. 8s, 65@70; do. 4th mort. 8s, 44@46; Orange, Alex. and Manassas 7s, 78@80; Baltimore 6s, 1875, 102¾@102½; do. 1884, 107½@—; do. 1886, 109@—; do. 1890, 109@109½; do. 1900, 109@109½; do. 1902, 108½@—; do. 6s, exempt, 113@—; do. 5s, 94@—; Memphis City 6s, 26@—; Maryland Defense 6s, 1883, 110@111½; do. 6s, 1890, 108@108; do. 6s, exempt, 114@115; do. 5s, —@104; Virginia coupon 6s, old, 30@—; do. new, 30@—; do. consol. 6s, 66¾@66½; do. 2d series, 30@36; Virginia Consol. coupons, 84@81½; West Virginia def. certifi., 6@6¼; City Passenger R. R., 30¼@30¾; George's Creek Coal, 135@—; Atlantic Coal, 2.00@2.25; Canton Co., 30@—; do. 1st mort. 6s, —@96.

Illinois Central Railroad.

During the month of June, 1876, 1,273.12 acres of land were sold for \$10,248 99. The Cash collected on Land Contracts during the same time was \$16,637 61. The Traffic on the Main Line in Illinois was \$472,898 56, against \$446,832 in June, 1875. The Traffic of the Iowa Lines, (leased at 35 per cent of gross receipts) was \$141,585 88, against \$155,678 27 in June, 1875. A dividend of \$4 per share will be paid August 1st.

A Pardee, Esq., of Hazleton, Penn., has been elected President of the Belleville and North Hastings (Ca.) Railway Company.

Atchison, Topeka and Santa Fe Railroad.

The earnings of this road for the month of June, 1876, compared with same month last year, were as follows:

June, 1876.....	\$187,000
June, 1875.....	104,487

Increase..... \$82,568

For the past six months of this year, compared with last year, they were as follows:

Six months ending June 30, 1876....	\$1,037,795 61
Six months ending June 30, 1875....	575,677 14

Increase..... \$462,118 47

LAND DEPARTMENT.

The sales in the Land Department were as follows:

June, 1876, 11,000 acres.....	\$77,000
June, 1875.....	12,000

Increase..... \$65,000

For six months ending June 30, 1876....	\$433,275
For six months ending June 30, 1875....	114,774

Increase..... \$318,501

At a meeting of the stockholders of the New Orleans, St. Louis and Chicago Railroad Company, held in this city on the 6th inst., the following gentlemen were elected directors: H. S. McComb, L. P. Bush, Thomas A. Scott, Henry Day, J. N. Du Barry, E. Norton, J. S. Rogers, J. B. Alexander, E. D. Randolph, S. H. Edgar, Cadwalader Evans, F. D. Cobb, A. Schreiber, L. Q. C. Lamar, L. S. Trimble, Henry Talmadge, A. M. West, George K. Sistare, W. A. Gordon, William Calhoun and Herman R. Leroy.

Articles of incorporation of the Knights-ville and Chicago Railroad Company, with a capital stock of \$150,000, have been filed with the Secretary of State of Indiana. The proposed line extends from Knightsville, Clay County, to some convenient point of intersection with the Zionsville, Terre Haute and Chicago Railroad, in the county of Vigo. The directors are: Joseph Collett, John Collett, W. K. Edwards, Samuel Groendyke, L. D. Thomas, Ensign Bennett, Wm. Watson, R. M. Hollingsworth, and James T. Casteel.

Col. Paine, engineer on the East River Bridge, has constructed an apparatus on the New York tower, extending between the top and bottom, by which he can test the strength of wire. At the lower end is a windlass and above is a beam and vernier, so graduated that the exact tension is indicated. Communications between those using the apparatus are kept up either by a bell or speaking tube. The wires are all enclosed in a wooden tube.

The Iron Moulders' International Association, in session at Cleveland, has elected the following officers: President, Wm. Saffin, of Cincinnati; Vice Presidents, John J. Grace, of Albany, Francis Sullivan, of St. Louis, John Nolan, of Toronto, and Dennis Gulon, of San Francisco; Secretary, M. F. Hayburn, of New York; Treasurer, P. J. Meany, of Brooklyn.

A general meeting of the Brotherhood of Locomotive Engineers is called to meet in Cleveland, Wednesday, July 19, at ten A. M., for the purpose of organizing an accident insurance association.



CORNWALL CANAL ENLARGEMENT.

NOTICE TO CONTRACTORS.

SEALED TENDERS addressed to the Secretary of Public Works, and endorsed "Tender for the Cornwall Canal," will be received at this office until the arrival of the Eastern and Western mails, on WEDNESDAY, the NINTH DAY OF AUGUST NEXT, for the formation of a new entrance—south of the present one—at the lower end of the Cornwall Canal, embracing the construction of two Lift-locks, Waste-weir, &c.

The works will be let in one section, as indicated on the map of that part of the line, which, together with plans and specifications of the various works, can be seen at this office, and at the office of the Canal Superintendent, Cornwall, on and after FRIDAY, the TWENTY-EIGHTH DAY OF JULY (INSTANT), at either of which places printed Forms of Tender can be obtained.

Contractors are requested to bear in mind that Tenders will not be considered unless made strictly in accordance with the printed forms, and—in the case of firms—except there are attached the actual signatures, the nature of the occupation, and place of residence of each member of the same; and further, an accepted bank cheque, or other readily available security, for the sum of FOUR THOUSAND DOLLARS, must accompany each Tender, which shall be forfeited, if the party tendering declines or fails to enter into contract for the works when called upon to do so, at the rates stated in the offer submitted.

The cheque or money thus sent in, will be returned to the respective parties whose tenders are not accepted.

For the due fulfillment of the contract, satisfactory security will be required on real estate, or by deposit of money, public or municipal securities, or bank stocks, to the amount of five per cent. on the bulk sum of the contract, of which the sum sent in with the Tender will be considered a part.

Ninety per cent only of the progress estimates will be paid until the completion of the works.

To each Tender must be attached the actual signatures of two responsible and solvent persons, residents of the Dominion, willing to become sureties for the carrying out of these conditions as well as the due performance of the works embraced in the contract.

This Department does not, however, bind itself to accept the lowest or any Tender.

By Order,

F. BRAUN,
Secretary.

Department of Public Works,
OTTAWA, 10th July, 1876.

The Poughkeepsie Bridge.

There is reason for rejoicing "all along the line" that work upon the long talked of bridge over the Hudson at Poughkeepsie is soon to be commenced, and that in due time this new avenue for trade will be opened to the people of New England. The Poughkeepsie Eagle of Tuesday has an article upon the subject which says that the requisite amount of subscriptions has been so nearly reached that the directors have guaranteed the full amount, and the American Bridge company will this week send out its invitations to lumbermen and quarrymen, and work will begin as soon as the necessary preliminaries can be arranged. It is expected that cars will run over the bridge by the 1st of January, 1879. The benefits to the Connecticut Western Railroad from the opening of this line for Western traffic must be large. There is encouragement now for the owners of that road to hope for a paying and profitable business in the not far distant future. Wise and careful management until the bridge and its connections are completed, will put the road in a position so that the benefits of this enterprise may be enjoyed by its present owners.—Hartford Courant.

CITY PASSENGER RAILROAD SHARE AND BOND LISTS

HORSE PASSENGER RAILROAD SHARE LIST

Years ending	Length track equiv. single	Horse and carriages	Chas.	COMPANIES.	Cost of Road and Equipment	Share Capital	Indebtedness	Earnings	Dividends paid	Value of Shares
							Bonded Debt Floating Debt	Gross Net	Per Share	Par Paid Market
Sept. 30, '75	11.00	153	45	Albany.....N.Y.	221,500	200,000	79,500	181,000 38,711	6	100
Sept. 30, '75	1.00			Albany st. Freight (B'ton).Mass.	49,288	75,000		1,999 165	6	100
Sept. 30, '75	25.00	491	98	Atlantic Avenue (Bklyn).N.Y.	1,261,912	660,200	490,000 20,107	376,017 128,809	6	100
Dec. 31, '76	9.81	704	106	Baltimore City (Balt.).Md.	1,000,000	1,000,000		616,538 221,900	6	100
Sept. 30, '75	22.00	396	43	Bleeker st. & F.F. (N.Y.C.).N.Y.	1,801,798	900,000	897,000 49,107	246,785 51,992	6	100
Sept. 30, '75	8.82			Boston and Chelsea.....Mass.	110,000	110,000		8,800 7,099	6	100
Sept. 30, '75	13.85	310	60	Broadway (Brooklyn).N.Y.	473,576	200,000	210,000 40,559	225,456 53,516	12	100
Sept. 30, '75	16.25	1200	147	B'way & 7th Av. (N.Y.C.).N.Y.	3,907,099	2,100,000	1,500,000 286,159	1,004,802 288,261	6	100
Sept. 30, '75	8.25	9 D.	32	Brooklyn, Bath & Coney I.N.Y.	266,105	80,000		47,051 Loss.	13	10
Sept. 30, '75	89.06	1973	441	Brooklyn City.....N.Y.	2,460,056	300,000	70,000	1,469,316 321,341	13	10
Sept. 30, '75	22.50	287	72	Brooklyn City & Newtown.N.Y.	879,359	400,000	55,710	196,743 59,883		100
Sept. 30, '75	19.83	231	57	Brooklyn, Cross-Town.....N.Y.	719,856	395,400	300,000 2,336	178,983 37,348		100
Sept. 30, '75	17.86	111	28	Buffalo East Side.....N.Y.	414,238	28,000	239,000 140,838	62,332 9,991		100
Sept. 30, '75	17.62	411	71	Buffalo street (Brooklyn).N.Y.	648,928	100,000	568,889 114,467	211,908 32,422		100
Sept. 30, '75	11.00	134	32	Bushwick (Brooklyn).N.Y.	499,604	300,000	1,589	176,149 107,374		100
Sept. 30, '75	30.30			Cambridge (Boston).....Mass.	824,300	824,300	150,000	77,187 77,187	9	100
Sept. 30, '75	4.92	149	30	Central Cross-Town. N.Y. City.	847,046	600,000	240,519	74,979 Deficit		100
Sept. 30, '75	24.00	1108	181	Cent. P. N. & E.R. (N.Y.C.).N.Y.	4,076,700	1,676,700	1,200,000 10,759	772,515 193,286		100
Sept. 30, '75	6.00	175	26	Christopher & Tenth st..N.Y.C.	768,500	650,000	88,500	93,112 5,617		100
Oct. 31, '76	9.90	842	49	Citizens' (Phila.).N.Y.	232,467	192,750		359,714 106,982	40	50
Oct. 31, '76	9.61	227	39	Citizens' (Pittsburg).Pa.	179,870	184,000	50,000 7,905	207,918 41,817	26	50
Sept. 30, '75	15.03	248	26	Coney Island & Brooklyn.N.Y.	716,759	500,000	307,200 37,070	207,280 37,793		100
Sept. 30, '75	11.26	131	12	Dry Dock, E.R. & B. (N.Y.C.).N.Y.	1,167,213	1,200,000	1,005,000	937,478 132,410	8	100
Sept. 30, '75	10.31	1075	112	Eighth Avenue (N.Y. City).N.Y.	1,823,073	1,000,000	203,000 105,000	839,785 136,516	12	100
Dec. 31, '76	7.09	62	17	Elizabeth and Newark.....N.J.	276,920	232,725		44,195 8,433		100
Oct. 31, '76	5.97	32	20	Federal St. & Pl. Val. (Pbg.).Pa.	156,719	100,000	75,000 10,000	72,901 8,639	9	100
Sept. 30, '75	10.26	453	64	42d st. & Gr'd st. F. (N.Y.C.).N.Y.	1,064,679	748,000	236,000 49,022	348,996 56,907	10	50
Oct. 31, '76	22.86	502	71	Frankford & Southwark (Ph.).Pa.	987,902	600,000	211,500	492,715 98,104	10	50
Oct. 31, '76	84.91	452	78	German town (Phila.).Pa.	772,305	539,514	106,500 21,600	471,319 103,017	7	50
Sept. 30, '75	8.77	153	27	Gr'd st. & Newtown (Bk'n).N.Y.	821,840	170,000	90,000 6,100	95,236 24,405		100
Sept. 30, '75	8.50	172	41	Gr'd St. Prosp. Pk. & Flatb.N.Y.	480,594	200,000	102,427	77,578 2,700		100
Oct. 31, '76	7.94	241	43	Green and Coates st. (Phila.).Pa.	262,912	100,000	100,000 6,500	211,719 61,322	27	50
Sept. 30, '75	11.95	139	26	Harim. Br. Morr. & F'dham.N.Y.	287,502	299,100	146,000	97,966 5,364		100
Sept. 30, '75	11.85	321	56	Hous. W. st. & Pavonia Fy.N.Y.	717,250	238,750	478,500	238,493 50,400	16	50
Oct. 31, '76	17.32	471	75	Heat, Mant. & F'mount (Ph.).Pa.	402,727	300,000	125,000 21,737	359,118 93,105	8	50
Sept. 30, '75	6.50	264	38	Highland (Boston).....Mass.	450,083	220,000	120,000 22,222	227,438 41,250	8	100
Sept. 30, '75	10.75	66	22	Jamaica, Wood'n & Bklyn.N.Y.	100,000	100,000		22,019 564		100
Oct. 31, '76	5.69	182	22	Lombard and South st. (Ph.).Pa.	179,807	125,000	62,561	109,882 21,309	12	50
Sept. 30, '75	7.50	7	4	Long Island City Shore.....N.Y.	165,000	75,000	90,000	20,761 3,337		100
Sept. 30, '75	5.09	50	12	Lowell Horse.....Mass.	100,569	93,100		33,927 4		100
Sept. 30, '75	12.79	262	37	Lynn and Boston.....Mass.	291,296	200,000	50,000 51,017	166,496 16,587		100
Sept. 30, '75	8.50			Malden and Melrose.....Mass.	60,246	165,500	14,000			100
Sept. 30, '75	5.21	60	16	Merrimack Valley.....Mass.	79,770	50,000		33,422 2,615		100
Sept. 30, '75	47.59	1317	268	Metropolitan (Boston).....Mass.	2,705,611	1,500,000	748,442 326,245	1,126,707 219,968	7	100
Sept. 30, '75	16.03	312	63	Middlesex (Boston).....Mass.	733,080	400,000	376,000 153,168	249,821 54,506	6	100
Sept. 30, '75	8.68	52	32	Namook.....Mass.	207,197	150,000	35,900 1,900	32,090 2,792		100
Sept. 30, '75	3.82	35	8	New Bedford & Fairhaven.Mass.	51,066	50,000		30,190 23,275		100
Sept. 30, '75	4.20	62	12	New York Elevated.....N.Y.	1,677,522	798,300	771,000 108,322	93,657 47,477		100
Sept. 30, '75	7.50			New Wausburg & Flatbush.N.Y.	328,658	300,000		65,386 3,197		100
Sept. 30, '75	6.10	200	20	Ninth Avenue (N.Y. City).N.Y.	999,422	799,200	207,000 20,863	106,330 13,432		100
Sept. 30, '75	11.16	124	20	North 2d St. & Middle Vil.N.Y.	242,310	142,100	128,000 2,345	148,351 69,979		100
Dec. 31, '76	13.09	241	47	Orange and Newark.....N.J.	1,044,157	290,000	700,000 156,420	222,901 31,077		100
Sept. 30, '75	14.40	160	42	Park Avenue (Brooklyn).N.Y.	412,095	200,000	300,000 56,000	123,715 31,978		100
Oct. 31, '76	9.83	57	14	People's (Scranton).....Pa.	162,719	150,000	15,000	42,108 13,108	8	100
Oct. 31, '76	6.29	21	14	People's (Pottsville).....Pa.	152,114	100,000	35,000 8,107	23,591 1,006		100
Oct. 31, '76	12.79	641	119	Philadelphia City (C. & W.).Pa.	793,912	500,000	200,000 69,108	562,307 123,409	20	50
Oct. 31, '76	6.22	15	16	Philadelphia and Darby.....Pa.	328,859	200,000	100,000	24,000 8	20	50
Oct. 31, '76	13.17	161	25	Philadelphia & Gray's Ferry.Pa.	311,718	300,000	6,500 32,700	121,718 41,718	10	50
Oct. 31, '76	8.75	137	40	Pbg., Allegheny & Manchester.Pa.	392,718	300,000	100,000	171,319 45,310	8	50
Oct. 31, '76	6.50	121	20	Pittsburg and Birmingham..Pa.	196,322	100,000	50,000	81,310 13,108		100
Oct. 31, '76	10.00	132	26	Pbg. Oakland & E. Liberty..Pa.	191,927	150,000	45,000 37,040	59,172		100
Dec. 31, '76	7.13	71	18	Portland.....Me.	175,000	157,500	1,000 49,853	4,791		100
Sept. 30, '75	5.00	40	13	Poughkeepsie City.....N.Y.	131,702	76,705	27,908 38,908	23,548 2,643		100
Sept. 30, '75	16.75	212	44	Prospect Park & Coney I.N.Y.	1,011,126	500,000	500,000 3,224	151,178 43,339	10	100
Dec. 31, '76	14.12	280	44	Ridge Avenue (Ph.).Pa.	423,981	450,000	58,430	249,316 61,102	10	50
Sept. 30, '75	17.00	156	47	Rochester and Brighton.....N.Y.	263,590	105,000	135,000 32,450	122,807 45,789	8	100
Sept. 30, '75	22.00	1109	169	Second Avenue (N.Y. City).N.Y.	2,547,402	1,199,500	1,317,000 45,000	780,147 135,657	17	50
Oct. 31, '76	41.66	635	115	2d and 3d street (Phila.).Pa.	822,901	671,576	109,309	671,222 102,613	17	50
Oct. 31, '76	7.50	301	38	17th and 19th street (Phila.).Pa.	209,437	180,000	50,000 10,000	249,068 79,314	12	50
Sept. 30, '75	10.36	350	62	Sixth Avenue (N.Y. City).N.Y.	2,367,088	750,000	415,000 830,000	836,910 162,809	10	100
Sept. 30, '75	6.50	106	26	South Boston.....Mass.	546,283	450,000	26,283	306,565 36,976	7	100
Sept. 30, '75	1.78			South Brooklyn & Park.....N.Y.	114,774	150,000	100,000 26,442	47,241 6,210		100
Sept. 30, '75	5.09	38	9	South Ferry.....N.Y.	280,111	150,000	157,000 22,500	31,791 6,496		100
Sept. 30, '75	7.50			Springfield.....Mass.	90,912	50,000		26,922 792		100
Sept. 30, '75	8.00	40	13	Staten Island.....N.Y.	31,000	31,000		18,288 Deficit		100
Sept. 30, '75	2.53	24	6	Stoneham street (Boston).Mass.	42,969	35,000		2,144 1,729	6	100
Sept. 30, '75	2.28	17	10	Syracuse and Geddes.....N.Y.	32,236	25,000	25,000	15,619 2,614	8	100
Sept. 30, '75	2.60	17	10	Syracuse and Onondaga.....N.Y.	51,267	37,000		14,382 3,796		100
Sept. 30, '75	4.32	32	8	Taunton.....Mass.	87,198	40,000		17,436 955		100
Oct. 31, '76	9.20	342	49	10th & 11th st. (Citizens').Pa.	232,467	192,750		359,714 106,982	40	50
Oct. 31, '76	10.75	251	37	13th and 15th streets (Phila.).Pa.	291,709	334,529	100,000	213,529 47,901	10	50
Sept. 30, '75	18.00	2004	283	Third Avenue (N.Y. City).N.Y.	4,076,069	2,000,000	2,000,000 30,000	1,824,149 604,928	10	100
Sept. 30, '75	6.40	50	8	Troy and Albany.....N.Y.	74,640	44,700	34,375 1,468	18,016 3,365		100
Sept. 30, '75	4.94			Troy and Cohoes.....N.Y.	50,000	50,000		170,326 17,500		100
Sept. 30, '75	4.85	280	67	Troy and Lansingburg.....N.Y.	330,340	23,000	100,000 105,565	163,116 29,988	4	100
Sept. 30, '75	5.00	170	32	2d street (N.Y. City).N.Y.	910,876	600,000	250,000 29,913	530,004 49,984	10	100
Sept. 30, '75	7.75	114	161	Union (Phila.).N.Y.	504,121	267,800	5,500 269,571	701,309 241,302	40	50
Oct. 31, '76	36.00	960	151	Union (Providence).....R.I.	1,410,919	614,300	75,000 101,880	409,781 99,385	3	100
Sept. 30, '75	35.00			Union Freight (Boston).....Mass.	263,778	300,000	4,500	15,000 13,707		100
Sept. 30, '75	13.11	92		Union, Clinton & Bingham.N.Y.	324,653	121,400	200,000	48,590 6,496		100
Sept. 30, '75	2.50	18	6	Van Brunt st (Brooklyn).N.Y.	87,000	75,000	15,000	18,141 3,948	3	100
Sept. 30, '75	3.21	13	4	Walham and Newtown.Mass.	46,353	20,000	18,000	7,191 4,292		100
Sept. 30, '75	14.50	164	30	West Philadelphia.....N.Y.	342,797	240,000	122,000	86,235 12,508	2	100
Oct. 31, '76	16.36	622	73	West Philadelphia.....Pa.	622,199	500,000	100,000	462,119 109,401	20	50
Oct. 31, '76	4.38	29	7	Wilkesbarre and Kingston..Pa.	100,000	100,000		31,308 14,901	10	50
Sept. 30, '75										

RAILROAD AND CANAL DIVIDEND STATEMENT.

Showing the amount of Stock Outstanding, the Dividend Periods and the date of last Dividend.

Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.	Marked thus (*) are leased roads.	Stock outstanding.	Dividend Periods.	Last Dividend Payable.
Albany and Susq. 100	13,500,000	J. & J.	July '78 31	Long Island 50	3,000,000	M. & S.	May '78 10	Vermont and Mass. 100	12,000,000	A. & O.	Apr. '78 24
Atlanta and West Point 100	1,232,200	J. & J.	July '78 3	Louisv. Cin. and Lex. 50	1,623,453	J. & J.	July '78 3	Warren (N. J.) 100	1,500,000	A. & O.	Apr. '78 24
Atlantic and Gulf 100	3,093,200	M. & N.	Nov. '78 31	Louisville & Nashville 100	848,700	J. & J.	Jan. '78 41	Warwick Valley 100	228,000	A. & O.	Apr. '78 24
Atlantic and St. Law. 100	784,476	M. & S.	Mar. '78 3	Louisv. N. Alb. & Chi. 100	3,080,000	F. & A.	Feb. '78 4	Westchester & Phil. pref. 100	821,300	J. & J.	July '78 4
" " new 1870-100	1,500,000	M. & S.	Mar. '78 3	Louisv. and Lawrence 100	3,000,000	J. & D.	Dec. '78 3	West Jersey 100	1,553,750	F. & A.	July '78 4
Aron, Genesee & Mt. M. 100	225,000	A. & O.	Jan. '78 5	Lykens Valley 100	300,000	A. & O.	Apr. '78 3	Winchester & Potomac 100	180,000	J. & J.	July '78 3
Baltimore and Ohio 100	13,151,922	M. & N.	May '78 5	Macon and Western 100	2,500,000	F. M. A. N.	Aug. '78 24	Winchester & Strasburg 100	500,000	J. & J.	July '78 3
Washington Br. 100	1,650,000	A. & O.	Apr. '78 5	Maine Central 100	5,430,504	M. & N.	May '78 5	Worcester and Nashua 75	1,750,800	J. & J.	July '78 2
Berkshire 100	800,000	J. & O.	Dec. '78 24	Manchester and Law. 100	1,000,000	M. & N.	May '78 5	HORSE-POWER R. R.			
Bosburg & Corning 50	250,000	J. & O.	Dec. '78 24	Marquette & Cincinnati 50	1,408,912	M. & S.	Sep. '78 28	Albany City 100	110,800	J. & J.	July '78 24
Boston and Albany 100	20,000,000	N. & N.	May '78 5	" " 1st pref. 50	5,130,719	M. & S.	Sep. '78 28	Baltimore City 100	801,000	J. & J.	July '78 24
Bos. Cin. & Fitchburg 100	1,172,500	J. & D.	Jan. '78 3	" " 2d pref. 50	4,460,388	M. & S.	Sep. '78 28	Bleeker St. & Fy. (N.Y.) 100	900,000	J. & J.	July '78 24
Agricultural Br. guar. 100	300,000	J. & D.	June '78 3	Massachusetts 100	400,000	F. & A.	Feb. '78 3	Boston and Chelsea 100	110,000	A. & O.	Apr. '78 4
Bost. Conc. & Mont. pref. 100	800,000	M. & N.	May '78 3	Memphis & Charleston 25	5,312,725	J. & D.	Jan. '78 3	Broadway (Brooklyn) 100	200,000	J. & J.	Jan. '78 5
Boston and Lowell 500	3,300,000	M. & N.	May '78 3	Michigan Central 100	18,738,204	J. & J.	Jan. '78 3	Broadw. & 7th Av. (N.Y.) 100	2,100,000	J. & D.	May '78 3
Boston and Maine 100	6,221,274	M. & N.	May '78 3	Mill Creek & Minehill 50	323,375	J. & J.	Dec. '78 3	Brooklyn City 100	1,500,000	F. M. A. N.	May '78 3
Boston and Providence 100	4,000,000	M. & N.	May '78 3	Milwaukee and St. Paul 100	15,399,251	J. & J.	Dec. '78 3	Brooklyn City & Newl. 100	600,000	J. & J.	July '78 3
Bost. Revere B. & Lynn 100	2,000,000	F. & A.	Aug. '78 2	" " pref. 100	12,274,483	J. & J.	Apr. '78 11	Brooklyn and Jamaica 100	492,100	J. & J.	July '78 3
Buffalo, N. Y. and Erie 100	5,254,203	M. & S.	Sept. '78 5	M. Hill & Schuyl. Hav. 50	3,358,450	J. & J.	July '78 3	Bushwick (Brooklyn) 100	800,000	J. & J.	July '78 3
Burlington and Mo. Riv. 100	1,485,900	M. & S.	Sept. '78 5	Morris and Essex 100	14,008,100	J. & J.	July '78 3	Cambridge 100	800,500	A. & O.	Apr. '78 4
" " pref. 100	5,847,800	M. & S.	Sept. '78 5	Nashua and Lowell 100	1,882,900	M. & N.	Nov. '78 4	Can. Park N. & E. Riv. 100	1,068,400	A. & O.	Oct. '78 24
Camden and Amboy 50	388,469	J. & J.	July '78 2	Naugatuck 100	1,000,000	M. & S.	Mar. '78 3	Citizens (Phila.) 50	500,000	J. & J.	July '78 3
Camden and Atlantic 50	1,020,330	J. & J.	Jan. '78 24	Newark and N. York 100	977,400	J. & J.	Jan. '78 3	Citizens (Phila.) 10	300,000	M. & S.	Nov. '78 17
Cape Cod 50	447,000	J. & D.	June '78 3	N. Bedford 100	1,678,500	M. & N.	Jan. '78 10	Coney Island & Brookl. 10	1,200,000	F. M. A. N.	Aug. '78 2
Orpe May and Millville 50	428,900	J. & J.	Nov. '78 6	N. Castle & Beaver Val. 50	1,500,000	quarterly	Oct. '78 2	Eighth Avenue (N.Y.) 1-9	1,000,000	J. & J.	Jan. '78 6
Catawba & Fitchburg 50	1,118,600	M. & N.	May '78 24	N. Haven & Northamp. 100	7,295,200	quarterly	Oct. '78 2	Elizabeth and Newark 100	748,000	M. & N.	May '78 3
Catawba 50	2,300,000	M. & N.	May '78 24	New Jersey 100	1,418,800	quarterly	July '78 2	Frankl. & Southw. (Ph.) 50	181,750	J. & J.	July '78 3
" " 2d pref. 50	589,110	M. & N.	May '78 3	New London Northern 100	89,428,330	quarterly	July '78 2	Germantown (Ph.) 50	1,000,000	J. & J.	Jan. '78 4
Cayuga and Susq. 100	6,850,400	F. M. A. N.	May '78 1	N. Y. Cen. & Hudson R. 100	3,500,000	quarterly	July '78 2	Girard College (Ph.) 50	175,000	J. & J.	July '78 3
Cedar Rapids & Mo. R. 100	789,000	F. M. A. N.	May '78 1	New York and Harlem 100	1,500,000	J. & J.	July '78 4	Grand St. and Newton 100	500,000	J. & J.	July '78 3
Central of Georgia 100	4,068,800	J. & J.	Feb. '78 3	N. Y. N. H. & Harl. 100	15,500,000	J. & J.	July '78 2	Green & Cones St. (Ph.) 50	500,000	J. & J.	July '78 3
Central of New Jersey 100	29,525,000	quarterly	Apr. '78 24	N. Y. Provid. & Boston 100	2,500,000	quarterly	July '78 2	Heston, Mantel & Farm. 50	2,050,000	M. & N.	May '78 4
Central Ohio 50	242,500	J. & D.	June '78 24	North Bridge & Canad. 100	1,000,000	J. & J.	July '78 3	Highland 100	200,000	M. & N.	May '78 4
" " pref. 50	400,000	J. & D.	June '78 24	North Carolina 100	4,000,000	irregular	Jan. '78 3	Lomb. & South St. (Ph.) 25	105,000	A. & O.	Oct. '78 1
Central Pacific 100	64,275,600	A. & O.	Oct. '78 4	N. Eastern S. O. J. pref. 100	96,000	M. & N.	May '78 4	Lynn and Boston 100	200,000	J. & J.	July '78 4
Chemung 100	1,230,000	quarterly	July '78 11	N. Pennsylvania 100	3,806,500	F. & A.	Feb. '78 3	Malden and Melrose 100	200,000	J. & J.	July '78 4
Cheshire, preferred 100	2,155,200	J. & J.	July '78 2	Northern Central 50	5,842,000	F. & A.	Feb. '78 3	Metropolitan (Boston) 100	1,500,000	M. & N.	May '78 3
Chicago and Alton 100	9,645,100	M. & S.	Mar. '78 4	Northern N. H. pref. 100	3,068,400	J. & D.	June '78 24	Middlesex (Boston) 100	400,000	M. & N.	May '78 3
" " pref. 100	2,425,400	M. & S.	Mar. '78 4	Northern New Jersey 100	1,000,000	J. & J.	July '78 4	Ninth Avenue (N.Y.) 100	797,320	J. & J.	July '78 3
Chicago, Bart. & Quincy 100	3,612,842	J. & J.	Mar. '78 3	Norwich & Worcester 100	2,604,400	J. & J.	July '78 6	Orange and Newark 100	225,555	J. & J.	July '78 6
Chicago, Iowa & Nebraska 100	14,994,900	J. & J.	July '78 6	Ogdens. & L. Champl. 100	5,077,000	J. & J.	July '78 2	Philadelphia City 100	750,000	J. & J.	July '78 6
Chicago & N. Western 100	21,485,655	J. & D.	Dec. '78 31	Ohio and Mississippi 100	2,000,000	A. & O.	Apr. '78 4	Philadelphia and Darby 20	200,000	J. & J.	July '78 2
Chicago, R. I. & Pacific 100	25,000,000	A. & O.	Apr. '78 4	Old Colony 100	4,259,450	J. & D.	Mar. '78 31	Phila. and Gray's Ferry 50	284,775	J. & J.	Jan. '78 24
Cin. Ham. & Dayton 100	3,500,000	A. & O.	Apr. '78 4	Old Colony 100	6,783,300	F. & A.	Feb. '78 3	Pg. Alleg. & Manchester 50	200,000	M. & N.	Nov. '78 8
Cin. Sand. and Cleve. 50	2,980,500	M. & N.	Apr. '78 10	Oswego and Syracuse 100	482,400	F. & A.	Feb. '78 4	Second Avenue (N.Y.) 100	885,100	J. A. J. O.	July '78 2
Clev. Col. Cin. & Ind. 100	14,991,275	F. & A.	Feb. '78 3	Pacific of Missouri 100	3,635,750	quarterly	July '78 11	Second & Third St. (Ph.) 10	965,100	J. & J.	July '78 5
Cleveland & Mahoning 100	2,067,549	M. & N.	June '78 11	Paterson and Hudson 100	632,000	J. & J.	July '78 4	17th & 19th streets (Ph.) 50	500,000	J. & J.	July '78 2
Cleveland & Pittsburgh 50	11,235,150	quarterly	June '78 11	Paterson and Newar. 100	250,000	J. & J.	July '78 3	Sixth Avenue (N.Y.) 100	750,000	M. & N.	Nov. '78 4
Columbus and Xenia 50	1,786,800	M. J. S. D.	June '78 2	Paterson and Ramap. 100	248,000	J. & J.	July '78 3	Third Avenue (N.Y.) 100	1,170,000	F. M. A. N.	Feb. '78 24
Colum. & Hocking Val. 100	2,500,000	F. & A.	Feb. '78 4	Pembler & Hightstown 50	342,150	J. & J.	July '78 3	13th & 15th street (Ph.) 50	1,000,000	J. & J.	July '78 3
Concord 100	1,500,000	M. & N.	May '78 5	Pennsylvania 100	88,114,475	quarterly	May '78 2	23d street (N.Y.) 100	98,000	J. & N.	May '78 3
Concord and Ports. 100	350,000	F. & A.	July '78 24	Peoria & Bureau Val. 100	1,200,000	F. & A.	May '78 2	Somerville (Boston) 100	450,000	quarterly	July '78 2
Conn. & P. & N. p. 1v. 1-0	2,100,000	F. & A.	July '78 3	Philadelphia and Erie 50	6,004,300	J. & J.	May '78 4	South Boston 100	374,800	J. & J.	July '78 5
Connecticut and V. 100	2,100,000	J. & J.	July '78 3	" " pref. 50	2,400,000	J. & J.	July '78 3	Union (Boston) 100	400,000	J. & J.	July '78 5
Cumberland and V. 100	1,292,950	A. & O.	Apr. '78 3	Phil. Ger. & Norristown 50	1,628,250	M. J. S. D.	June '78 3	Union (Phila.) 50	400,000	J. & J.	July '78 5
" " 1st pref. 50	241,900	A. & O.	Apr. '78 4	Philadelphia & Reading 50	32,725,775	quarterly	Jan. '78 24	West Philadelphia 100	400,000	J. & J.	July '78 10
" " 2d pref. 50	243,900	A. & O.	Apr. '78 4	Phila. and Trenton 100	1,259,100	quarterly	July '78 24	CANALS.			
Danbury and Newl. 50	900,000	J. & J.	Dec. '78 11	Phila. Wil. & Balt. 100	11,536,250	J. & J.	July '78 11	Chesapeake & Delaware 50	1,983,500	J. & D.	June '78 2
Delaware 50	1,230,900	J. & J.	July '78 3	Pitts. Ft. W. & Chi. 100	19,714,285	quarterly	July '78 11	Chesapeake and Ohio 25	8,229,594	F. & A.	Feb. '78 4
Del. Lackaw. & Westn. 100	23,500,000	quarterly	July '78 24	" " Special Imp. 100	2,000,000	quarterly	July '78 11	Delaware Division 100	1,635,350	F. & A.	Feb. '78 4
Detroit & Milwaukee 50	822,100	J. & D.	Dec. '78 9	Pittsfield & N. Adams 100	410,000	J. & J.	July '78 3	Delaware and Hudson 100	2,000,000	F. & A.	Feb. '78 4
Dubuque & Sioux City 100	5,000,000	A. & O.	Apr. '78 3	Portland and Kennebec 100	616,700	J. & J.	Jan. '78 3	Delaware and Harlan 100	5,847,400	quarterly	July '78 24
East Pennsylvania 100	1,809,240	J. & J.	July '78 3	Portland and Kennebec 100	292,400	A. & O.	Apr. '78 3	Erie of Pennsylvania 50	64,000	J. S. D. M.	June '78 2
East Mahoning 50	892,950	J. & J.	July '78 24	Yarmouth certificates 100	1,500,000	J. & J.	Apr. '78 3	Lehigh Coal & Navigat. 50	10,848,550	J. & J.	June '78 2
East Te. N. Va. & Ga. 100	1,968,274	A. & O.	Apr. '78 3	Providence and Worcester 100	2,000,000	J. & J.	July '78 4	Monongahela Navigat. 50	1,008,500	F. & A.	Feb. '78 2
Eastern (Mass.) 100	4,097,000	J. & J.	July '78 3	Raleigh and Gaston 100	1,500,000	J. & J.	July '78 4	Morris (consolidated) 100	1,025,000	F. & A.	Feb. '78 2
Eastern (N. H.) 100	1,925,000	F. & A.	Aug. '78 24	Rensselaer & Saratoga 50	6,000,000	J. & J.	July '78 4	Pennsylvania 100	4,337,950	F. & A.	Feb. '78 6
Elmira, Jct. & Canand. 50	500,000	M. & N.	May '78 24	Roch. & Genesee Val. 110	555,200	J. & J.	July '78 3	Schohl. Nav. (common) 50	1,908,207	F. & A.	Aug. '78 500
Elmira & W. L. transport 50	500,000	J. & J.	July '78 31	Rome, Watert. and Ogd. 100	2,998,900	J. & J.	July '78 3	" " (pref.) 50	2,838,977	F. & A.	Aug. '78 500
Erie Railway 100	8,000,000	J. & J.	July '78 31	Rutland 100	2,479,700	J. & J.	July '78 3	Susq. and Tide Water 50	2,002,716	J. & J.	Feb. '78 6
" " pref. 100	8,536,910	J. & J.	Oct. '78 31	" " preferred 100	1,468,700	F. & A.	Feb. '78 31	Union 100	2,907,850	J. & J.	Feb. '78 6
Erie and Pittsburg 50	1,090,250	quarterly	June '78 11	St. Croix and Penobscot 100	100,000	J. & J.	July '78 2	W. Branch and Susq. 50	1,100,000	J. & J.	Jan. '78 6
Fitchburg 100	4,000,000	J. and J.	July '78 4	St. L. Al. & T. route 100	2,200,000	J. & J.	July '78 2	MISCELLANEOUS.			
Georgia 100	2,037,400	A. and O.	Apr. '78 11	" " pref. 100	2,400,000	July	July '78 3	Adams Express 100	12,000,000	M. J. S. D.	Dec. '78 2
Great Western, (Ca.) 100	1,237,400	A. and O.	Apr. '78 11	St. L. L. Mt. & South'n 100	14,248,950	F. & A.	Feb. '78 3	American Coal 100	1,500,000	J. & S.	Mar. '78 3
Hanover Branch, (n.s.) 50	116,550	M. & N.	May '78 5	St. L. Kan. C. & North. 100	12,000,000	Nov. '78 22	Nov. '78 22	American Express 100	18,000,000	J. & J.	July '78 3
Harlem Extension 100	1,182,500	J. & J.	July '78 31	Saratoga and Schenect. 100	300,000	A. & O.	Apr. '78 24	Atlantic Mail Steamship 100	4,000,000	M. J. S. D.	Dec. '78 24
Harrisburg & Lancaster 50	1,182,500	J. & J.	July '78 31	Schoharie Valley 50	76,050	M. & N.	May '78 24	Calumet and Hecla Mining 80,000 shares	731,250	F. M. A. N.	May '78 24
Houston, pref. 100	1,182,500	quarterly	July '78 2	Shenandoah and Roanoke 100							

Movements of Produce at New York.

Receipts of certain articles of domestic produce at the port of New York for six months from January 1:

	1875.	1876.
Ashes, bbls.....	4,108	3,175
Breadstuffs—		
Flour, bbls.....	1,599,529	1,865,998
Cornmeal, bbls.....	65,886	90,842
Wheat, bush.....	8,715,149	13,537,898
Rye, bush.....	72,061	507,910
Oats, bush.....	4,186,104	5,391,787
Barley and malt, bush....	1,019,289	2,043,574
Peas, bush.....	221,965	754,465
Corn, bush.....	9,484,278	9,633,587
Cotton, bales.....	350,404	484,972
Naval Stores—		
Crude turp., bbls.....	4,038	1,511
Spirits turp., bbls.....	29,864	32,580
Rosin, bbls.....	265,639	141,156
Tar, bbls.....	16,583	9,907
Pitch, bbls.....	409	2,156
Provisions—		
Pork, pkgs.....	95,372	106,544
Beef, pkgs.....	16,350	56,021
Cutmeats, pkgs.....	182,411	265,588
Butter, pkgs.....	442,124	554,408
Cheese, pkgs.....	581,786	563,198
Lard, tcs. and bbls.....	169,431	198,904
Do., kegs.....	8,585	9,260
Whiskey, bbls.....	89,824	69,662
Tobacco, hhds.....	23,355	57,772
Do. boxes and cases.....	91,807	102,382
Hops, bales.....	7,078	36,921
Wool, bales.....	27,352	31,604

Exports from New York to foreign ports of certain leading articles of domestic produce for six months of the years:

	1875.	1876.
Ashes—Pots, bbls.....	1,854	551
Do. pearls, bbls.....	100	148
Beeswax, lbs.....	39,688	38,269
Breadstuffs—		
Wheat flour, bbls.....	879,110	978,575
Rye flour, bbls.....	2,817	2,666
Cornmeal, bbls.....	81,344	84,196
Wheat, bush.....	9,639,632	14,547,363
Rye, bush.....	105,687	509,158
Oats, bush.....	59,320	195,224
Barley, bush.....	165	8,078
Peas, bush.....	216,152	401,226
Corn, bush.....	5,964,206	7,467,197
Candles, bxs.....	27,334	21,576
Coal, tons.....	21,570	14,751
Cotton, bales.....	224,751	202,005
Hay, bales.....	25,099	30,135
Hops, bales.....	2,968	21,755
Naval Stores—		
Crude turp., bbls.....		260
Spirits turp., bbls.....	5,856	3,311
Rosin, bbls.....	235,572	113,921
Tar, bbls.....	4,527	3,814
Pitch, bbls.....	1,765	3,598
Oils—whale, galls.....	75,226	108,872
Do., sperm, galls.....	186,555	310,449
Do., lard, galls.....	34,853	28,931
Do., linseed, galls.....	1,810	3,376
Petroleum, galls.....	64,813,240	46,499,646
Provisions—		
Pork, bbls.....	95,079	85,621
Beef, bbls.....	18,135	22,079
Do., tcs.....	31,531	40,061
Cutmeats, lbs.....	102,586,054	114,281,771
Butter, lbs.....	1,865,177	1,390,982
Cheese, lbs.....	32,800,223	31,889,994
Lard, lbs.....	78,509,993	71,672,169
Rice, tcs.....	61	198
Do., bbls.....	12,600	19,358
Tallow, lbs.....	20,717,202	25,868,945
Tobacco, crude, pkgs.....	40,067	58,608
Do., manf., lbs.....	3,134,227	3,803,542
Whalebone, lbs.....	135,825	95,830

Homer Ramsdell, will act as Receiver of the Erie Railway Company, during the absence of Receiver Jewett in Europe.

The Receiver of the Bleeker Street Railroad has filed in the County Clerk's office his report for the month of June. This report shows the receipts for the month to have been \$24,137 17, making the total receipts since his receivership \$129,875 97. For last month the operating expenses of the road were \$16,124 50, which sum, added to his previous reports, makes the total operating expenses \$89,549 61, leaving a balance of net earnings of \$46,326 36. During the month there was paid for permanent improvements \$15,956 45, making, with the sums previously similarly expended, \$22,367 39. He has also paid since being receiver \$7,744 86 on the old company's accounts.

Hannibal Hamlin and William Caldwell have been appointed Trustees for the second mortgage bondholders of the European and North American Railway.

J. T. Clark, Superintendent of the Mountain division of the Union Pacific Railroad, has gone to Evanston to take the Superintendency of the Western division extending to Ogden.

DIVIDENDS.

OFFICE OF THE LAKE SHORE AND MICHIGAN SOUTHERN RAILWAY COMPANY, New York, July 5, 1876.

THE DIRECTORS OF THIS COMPANY HAVE declared a dividend of TWO PER CENT. upon the capital stock thereof, payable on the 1st day of August next, at the office of Messrs. CHASE & ATKINS, No. 18 Broad st., New York.

The transfer-books will be closed at 3 o'clock P. M. on Saturday, the 8th inst., and will be reopened on the morning of Wednesday, the 2d day of August next. E. D. WORCESTER, Treasurer.

PHILADELPHIA AND READING RAILROAD CO., OFFICE No. 227 SOUTH 4TH ST., PHILADELPHIA, June 29, 1876.

DIVIDEND NOTICE.

THE BOARD OF MANAGERS OF THIS COMPANY have declared a dividend of Three and a Half per Cent. upon the preferred stock, clear of all taxes, payable in cash on and after the 25th of July, to the holders of preferred stock, as they shall stand registered on the books of the Company at the close of business on the 1st of July.

S. BRADFORD, Treasurer.

OFFICE OF THE ILLINOIS CENTRAL RAILROAD COMPANY, New York, June 21, 1876.

A DIVIDEND OF FOUR PER CENT. HAS been declared by this company, payable on the 1st day of August next to the holders of full paid shares registered at the close of the 14th day of July next, after which, and until the 5th day of August the transfer-books will be closed.

L. V. F. RANDOLPH, Treasurer.

MACHINERY.

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23 MURRAY ST., NEW YORK, }
JUNE 1, 1876.

THE PRACTICE OF THIS OFFICE IN REGARD to rejected applications is changed. Instead of as heretofore taking a copy of the official letter of rejection and invariably sending the original to the client, and inviting suggestions to aid in urging the case, I now, unless instructed to the contrary, proceed at once to give it attention and argue or amend.

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ALEX. FROTHINGHAM & CO., BANKERS AND Brokers, No. 12 Wall st., make for customers desirable investments of large or small amounts in stocks of a legitimate character, which frequently pay from five to twenty times the amount invested every thirty days.

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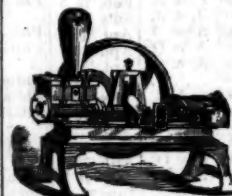
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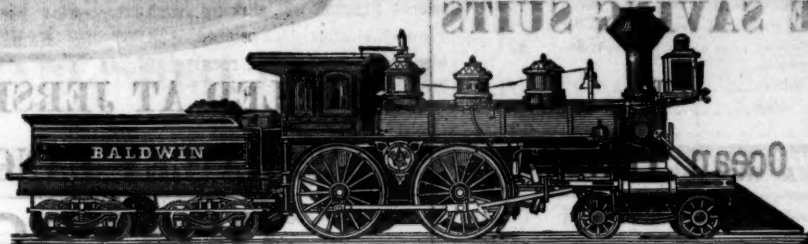
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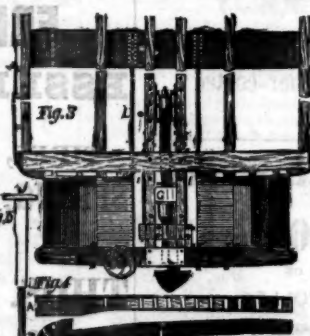
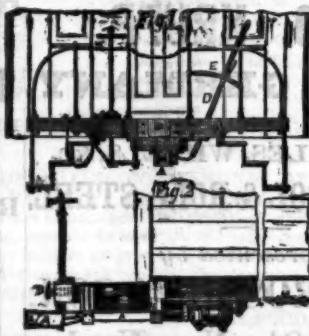
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